dKC de la Torre Klausmeier Consulting
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1401 Foxtail Cove
Austin, TX 78704
(512) 447-3077
E-mail: delaklaus@aol.com

BIENNIAL EVALUATION OF
CONNECTICUT'S INSPECTION/MAINTENANCE PROGRAM

2010 and 2011

AND

ANNUAL EVALUATION OF
CONNECTICUT'S INSPECTION/MAINTENANCE PROGRAM

2011

FINAL REPORT

Prepared for:

Connecticut Department of Energy and Environmental Protection

Prepared by:

dKC – de la Torre Klausmeier Consulting
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Executive Summary

As required by the Clean Air Act Amendments of 1990, the Connecticut Department of Energy and Environmental Protection (DEEP) in partnership with the Connecticut Department of Motor Vehicles (DMV) conducts periodic evaluations of its enhanced Motor Vehicle Inspection and Maintenance (I/M) Program. This report is being submitted in fulfillment of the requirements to provide annual and biennial I/M reports per 40 CFR 51.366. This report addresses data collected from January 1, 2010 through December 31, 2011. As evidenced by the high compliance rate, limited fraud and low waiver rate, this report demonstrates that Connecticut's I/M program effectively achieves the expected air quality benefits.

The United States Environmental Protection Agency (EPA) provided a checklist (Appendix A), which identified the data elements to be included in this report. Comments provided by the EPA on Connecticut's 2008-2009 Biennial Evaluation Report and the 2010 Annual Report are addressed by this report. The required data, including data collected during 2010, and reports from previous years have been submitted to EPA. The 2011 data elements are compiled in Appendix B and correspond to the indexing system used in EPA's checklist. Due to the structure of Connecticut's I/M program, the following requirements of the attached checklist are not applicable: (a)(2)(xiii), (xiv), (xv), (xvi), (xvii), (xviii), (xx) and (5); (b)(3)(ii), and (iv); (4)(iii), (6), (7); (d)(3) and (4).

The I/M program, designed to identify vehicles that emit pollutants that exceed acceptable standards and require such vehicles to get repaired, is an important part of the strategy to ensure that Connecticut is positioned to attain and maintain the 1997 National Ambient Air Quality Standard (NAAQS) for Ozone (i.e., smog). Connecticut's I/M program, which dates back to 1983, has a long history of effectively reducing vehicle emissions and results in more emission reductions than any other state-implemented reduction strategy. Current estimates indicate that in 2010, this program would have provided approximately 19 of the 200 tons per day of air pollutant reductions that are included in [Connecticut's 2008 Ozone Attainment Demonstration State Implementation Plan](). The emission reductions resulting from this program are an integral part of Connecticut's air quality attainment efforts, and important as part of a balanced strategy that includes reductions from stationary, area and mobile source sectors to ensure that Connecticut attains the Ozone NAAQS. EPA has since strengthened the Ozone NAAQS in 2008 resulting in Connecticut's proposed designation of nonattainment for the new 75 ppb eight-hour ozone standard. EPA is expected to issue an even more stringent Ozone NAAQS by 2014. If EPA does so, Connecticut will need to achieve even greater emission reductions from motor vehicles.

All of Connecticut continues to experience elevated ozone concentrations during the summer months. While in-state sources of air pollution such as cars and power plants contribute to ozone formation, much of the ozone and precursor emissions transported into Connecticut originate from sources located in upwind states. For example, during elevated ozone episodes in Connecticut, air quality measured at the state border with New York frequently exceeds the Ozone NAAQS, which is indicative of significant air pollution

transport. It is therefore imperative to address the transport challenge to assure clean air for Connecticut's citizens.

This report focuses on the effectiveness of Connecticut's I/M program. Key program highlights include:

- Major program changes in 2003, including:

  - Adoption of On-Board Diagnostic (OBD) II testing for 1996 and newer vehicles,

  - Creation of a decentralized network of 300 inspection stations, and

  - Enhanced enforcement by moving from window stickers to a registration denial based enforcement system.

- In 2010 and 2011, over 98% of the vehicles subject to testing were in compliance with I/M program requirements. The overall compliance rate in Connecticut exceeds the compliance rate of 96% specified in Connecticut's State Implementation Plan. Connecticut actively investigates non-compliance and assesses fines for late inspections. In 2010 and 2011, respectively, 159,163 and 162,936 fines were assessed for late inspections. Linking registration to compliance in addition to late inspection fines contribute to Connecticut's very high compliance rate.

- Approximately 11% of vehicles failed their initial emissions test and 12% of these vehicles also failed their first retest in both 2010 and 2011. Failure rates under the decentralized I/M program are equal to or higher than failure rates recorded under centralized I/M programs. Ongoing outreach efforts designed to decrease failure rates will continue to be enhanced.

- DMV performs extensive quality assurance checks on the program. Evaluation of these quality assurance data demonstrates that the program performs accurate inspections.

- Audits were conducted at all stations as part of an extensive anti-fraud program. 1,718 video surveillance audits were conducted in 2010 and 2,051 were conducted during 2011. Less than 0.1% of the inspections in Connecticut are suspect, exceeding many other states' I/M programs. Connecticut's anti-fraud efforts are models for other I/M programs.

- In May 2011, following a comprehensive evaluation and selection process, DMV entered into a new agreement with a private contractor, Applus, for the next phase of the Connecticut I/M program. This new program:

  - Began with a rolling implementation and is now fully operational.

  - Maintains the same overall structure and requirements while including upgraded equipment and computer systems

- o Addresses many of the challenges faced by the previous system and ensures Connecticut's I/M program will continue to comply with statutory and regulatory mandates, while achieving clean air benefits.

Connecticut consistently conducts thoughtful analysis of its vehicle inspection and maintenance program, which has led to numerous enhancements. In the past year, several initiatives, such as instituting more safeguards to ensure correct vehicle identification numbers and review of the fleet testing program, are being implemented to further strengthen the program. A full iteration of the changes to the program can be found in Section 8. Connecticut's analysis repeatedly has demonstrated the program produces the expected air pollutant reductions. DEEP and DMV continue to evaluate opportunities to improve the program and cost effectively increase the air quality benefits.

1.0   Introduction

This report presents an analysis of data collected in Connecticut's Motor Vehicle Inspection and Maintenance (I/M) program in 2010 and 2011 to meet the United States Environmental Protection Agency's (EPA) annual and biennial reporting requirements of 40 CFR Part 51.366. In an I/M program, vehicles are periodically inspected, and those with evidence that they exceed design emission standards must be repaired. I/M programs are mandated by the Clean Air Act and were limited to areas that EPA designated as "serious" or "severe" non-attainment for the ozone National Ambient Air Quality Standard (NAAQS). Connecticut's program, which dates back to 1983, has a long history of effectively reducing vehicle emissions and is an important part of the strategy to ensure that Connecticut is positioned to attain the NAAQS for ozone. Since Connecticut's ozone levels exceed the 2008 ozone NAAQS, additional emission reductions from all sectors, including motor vehicles, remain critical.

Connecticut's I/M program results in more emission reductions than any other state implemented reduction strategy. Current estimates indicate that in 2010, this program would have resulted in approximately 19 of the 200 tons per day of air pollutant reductions that are included in Connecticut's 2008 Ozone Attainment Demonstration[1]. The emission reductions resulting from this program are an integral part of Connecticut's air quality attainment efforts and important as part of a cost effective and balanced strategy that includes reductions from stationary, area and mobile source sectors.

Emissions reduction determinations are estimated using modeling that is approved by the EPA. The most recent State Implementation Plan (SIP) Revision, which addresses the I/M program, was developed using MOBILE6.2, the model which was approved for use by EPA at that time. EPA has since updated its modeling platform and has begun implementing a new model known as the Motor Vehicle Emissions Simulator (MOVES). States are required to use MOVES for attainment demonstrations at this time, for hot spot analysis by December 2012 and for regional conformity beginning March 2, 2013. This model is in the early stages of use and assumptions embedded in the MOVES model may change the estimated reductions for the I/M program.

Connecticut's I/M program identifies vehicles that have been tampered with, or have received improper maintenance. These vehicles must be repaired until they comply with emission standards. The Connecticut Department of Motor Vehicles (DMV) oversees the I/M program operated by a private contractor; the Connecticut Department of Energy and Environmental Protection (DEEP) ensures that the program achieves the air quality benefits as outlined in Connecticut's SIP.

The original program implemented in 1983 subjected vehicles to two inspections – an idle test where exhaust concentrations of hydrocarbons (HC) and carbon monoxide

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1 The 2008 Ozone Attainment Demonstration details Connecticut's strategies designed to bring the state's air quality into compliance with the 1997 8-hour ozone NAAQS of 84 ppb.

(CO) were measured while the vehicle was idling and a visual inspection for the presence of emission control devices, such as the catalytic converter. Vehicles with gross vehicle weight ratings (GVWR) of 10,000 pounds (lbs.) or less were included in the program. In 1998, Connecticut substantially enhanced its existing I/M program to meet new SIP requirements, as well as federal requirements for I/M improvements. The emission test changed from an unloaded idle emission test to a loaded-mode test (ASM2525[2]). With this change, Connecticut began evaluating emissions of oxides of nitrogen[3] (NO_x) along with HC and CO. The loaded-mode test uses a chassis dynamometer to simulate on-road driving. If the vehicle could not be safely tested on a dynamometer, it received a pre-conditioned two-speed idle (PCTSI) test. In addition, the inspection included a gas cap pressure test to check to see if the gas cap holds pressure. Leaking gas caps are a major source of evaporative HC emissions. The program continued to include a visual emission control component check. Also, at this time Connecticut began diesel testing.

In 2003, Connecticut again made substantial revisions to the program. The inspection network was changed from a centralized system with about 25 inspection stations to a decentralized system with a contractor equipped limit of 300 stations[4]. The goals of these changes were to improve customer convenience to the public by decreasing the waiting time for emissions testing, directly involve the repair industry with emissions testing, and enhance opportunities for small business development. In addition, 1996 and newer gasoline- powered models started receiving on-board diagnostic (OBD) tests[5], instead of ASM2525 or PCTSI exhaust emissions tests. All 1996 and later model year light-duty vehicles sold in the United States contain the second generation of OBD, termed OBDII. Connecticut also performs OBD tests on diesel powered vehicles that are model year 1997 and newer having a GVWR of 8500 lbs. and less. OBDII systems can detect malfunctions or deterioration of emission control components, often well before the motorist becomes aware of any problem. Inspecting vehicles by reading the OBDII system codes can identify vehicles with serious emission control malfunctions more accurately and cost-effectively than traditional tailpipe tests, and help technicians diagnose and repair those malfunctions. Diesel powered vehicles having a GVWR of 10,000 lbs. or less, receive tests for excessive exhaust smoke, if they cannot receive OBDII tests. Evaluating OBDII test results presents special challenges, since tailpipe emission results are not available for each vehicle.

In 2011, the state embarked upon a new program with upgraded equipment and

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2 The ASM2525 or Acceleration Simulation Mode test measures HC, CO and NO emissions while the vehicle is driven at a constant speed (25 MPH) on a treadmill-like device termed a dynamometer.

3 Nitric oxide (NO) is measured as a surrogate for oxides of nitrogen (NO_x). NOx along with HC emissions are considered to be the major ozone precursors.

4 This number dropped from 300 stations to 250 stations by the end of 2008.

5 1997 and newer light-duty diesels (<8500 lbs. GVWR) also get OBD inspections.

computer systems to correct challenges faced the previous system. As part of this new program, DMV is in the process of working with their contractor, Applus, to evaluate and implement new improvement measures to maximize the cost effectiveness and benefits of the program.

The methodology for this report has instead utilized data on different inspection components to determine if the appropriate number of vehicles are being failed and repaired. This multifactorial approach is consistent with the purpose of the OBDII system, since it assures that Connecticut is identifying, and requiring the repair of vehicles that exceed design emission standards by more than 50%, as required by the EPA. Evaluating decentralized inspections requires a comprehensive assessment of how well stations comply with mandated inspection procedures. Generally, there are greater opportunities for fraud in decentralized facilities, because there are more stations that need policing. Using data and procedures provided by the DMV, de la Torre Klausmeier Consulting, Inc. (dKC) assessed effectiveness and enforcement of Connecticut's program.

2.0   Observed Failure Rates for Gasoline-Powered Vehicles

Failure rates for gasoline-powered vehicles were calculated using test results from I/M test stations. Below is a brief description of the criteria used to determine if a vehicle passes or fails inspection.

Pass/Fail Criteria

ASM2525 or Pre-Conditioned Two-Speed Idle (PCTSI) Inspection (pre-1996 vehicles): Vehicles fail if they exceed Connecticut's cut points or emissions standards. For the ASM2525 test, HC, CO and NOx emissions are evaluated. For the PCTSI test, HC and CO emissions are evaluated. Connecticut uses EPA's recommended cut points for the ASM2525 and PCTSI tests.

Gas Cap Test: Vehicles fail if their gas cap cannot hold pressure.   Beginning in November 2004, only pre-1996 light-duty vehicles receive gas cap tests. The OBDII system adequately tests a vehicle's evaporative system on most 1996 and newer vehicles.

OBDII Inspection: 1996 and newer light-duty vehicles are subject to an OBDII inspection. The emissions test system is plugged into the OBDII connector and information on the status of the vehicle's OBD system is downloaded. Vehicles fail the OBDII inspection if they have the following problems:

- Malfunction Indicator Lamp (MIL[6]) is commanded-on;

- MIL not working (Termed Key-On Engine-Off, KOEO, failure[7]);

- The number of readiness monitors that are not ready exceed EPA's limit[8]:

    o 1996-2000 models: Two monitors are allowed to be not ready.

    o 2001+ models: One monitor is allowed to be not ready.

- OBD Diagnostic Link Connector (DLC) damaged; or

- Vehicle could not communicate with the Connecticut inspection system.

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5 MIL is a term used for the light on the instrument panel, which notifies the vehicle operator of an emission-related problem. The MIL is required to display the phrase "check engine" or "service engine soon" or the ISO engine symbol. The MIL is required to illuminate when a problem has been identified that could cause emissions to exceed a specific multiple of the standards the vehicle was certified to meet.

7 The Key-On Engine-Off (KOEO) determines if the MIL bulb is working. The bulb should illuminate when the vehicle is turned on but not started.

8 OBDII systems have up to 11 diagnostic monitors, which run periodic tests on specific systems and components to ensure that they are performing within their prescribed range. OBDII systems must indicate whether or not the onboard diagnostic system has monitored each component. Components that have been diagnosed are termed "ready", meaning they were tested by the OBDII system.

Summary of Fail Rates for Gasoline-Powered Vehicles

Following is a summary of test results from January 1, 2010 to December 31, 2011. In 2010, 927,525 gasoline-powered vehicles received initial tests. In 2011, 1,055,739 gasoline-powered vehicles received initial tests. The table below compares failure rates in 2010 and 2011 for different tests that are performed on gasoline powered vehicles.

Test Type	Parameter	2010	2011
OBD	% Fail Initial (any reason)	11%	11%
	% Fail for MIL Commanded-on	6.0%	6.0%
	% Fail First Retest	10%	10%
ASM	% Fail Initial	12%	12%
	% Fail First Retest	28%	27%
PCTSI	% Fail Initial	8.5%	8.5%
	% Fail First Retest	15%	13%
Gas Cap	% Fail Initial	4.5%	4.8%
	% Fail First Retest	3.9%	4.2%
All Tests	% Fail Initial	11%	11%
	% Fail First Retest	12%	12%

Conclusion: These failure rates are comparable to results in previous years. Failure rates in Connecticut's I/M program are in line with those reported in Test-Only programs[9]. Test-Only programs generally are considered by EPA to be the model for peak I/M performance. Based on failure rates, Connecticut's I/M program is operating at peak performance.

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[9] At the end of this section is a chart that compares failure rates for the OBD test in Connecticut with failure rates in Delaware. Delaware is a well enforced Test-Only I/M program. Failure rates in both programs are nearly identical.

Number of Vehicles Receiving Initial Tests By Model Year: 2010

Number of Vehicles Receiving Initial Tests By Model Year: 2011
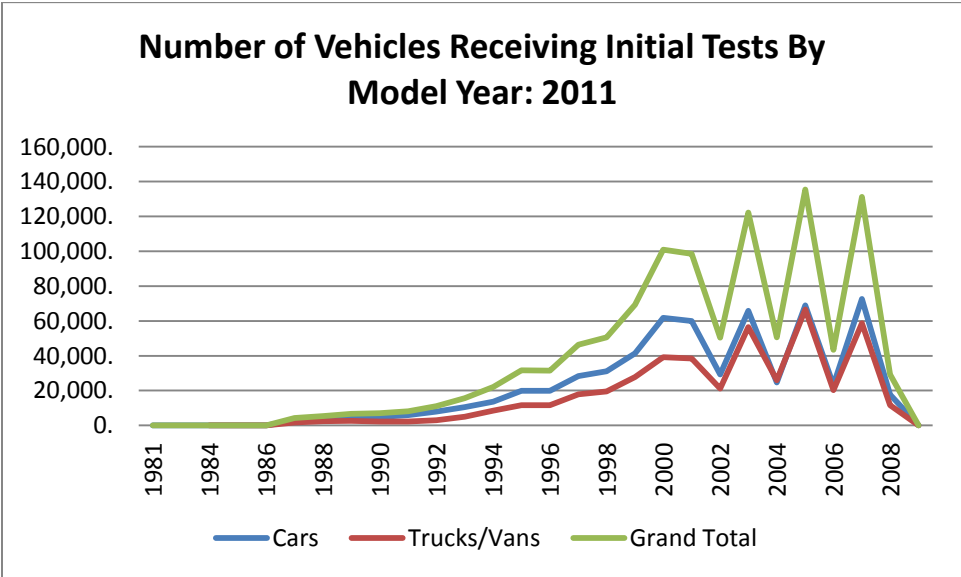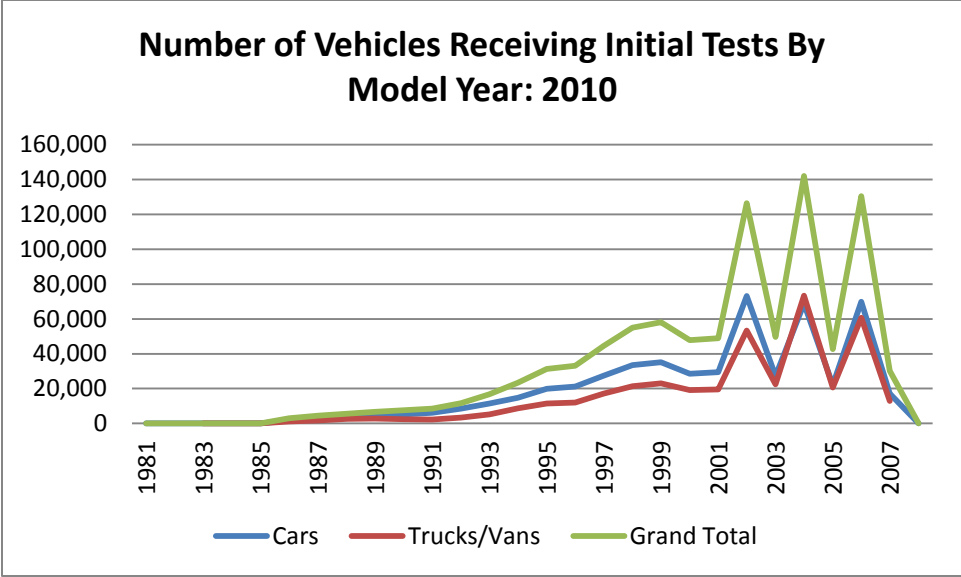
These charts show the total number of inspections by vehicle model year, and vehicle type. The first four vehicle model years are exempted from testing, so the number drops sharply after the 2006 model year for 2010 and the 2007 model year for 2011. All vehicles have a 10,000 lbs. or less GVWR.

Test Type as a Percent of Total Tests: 2010

Test Type as a Percent of Total Tests: 2011
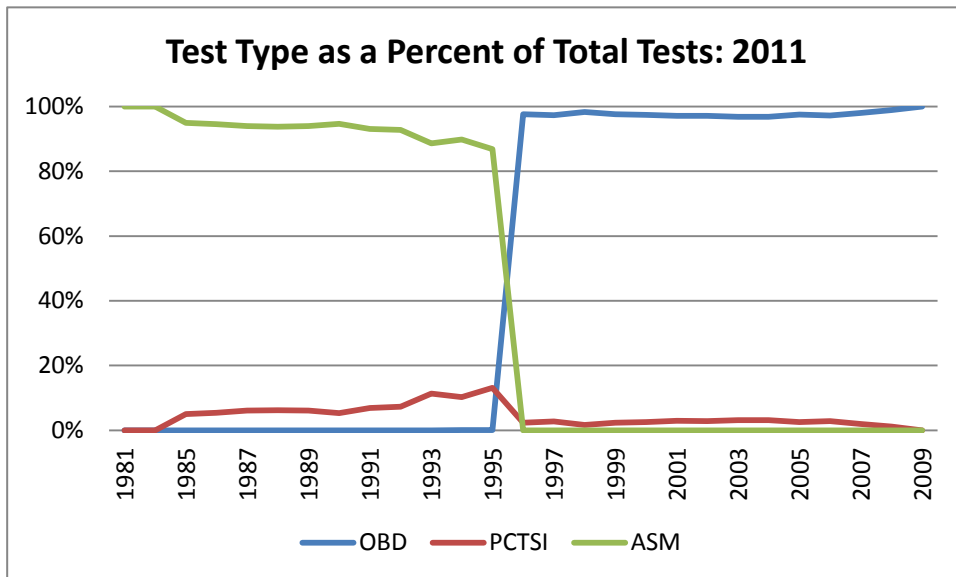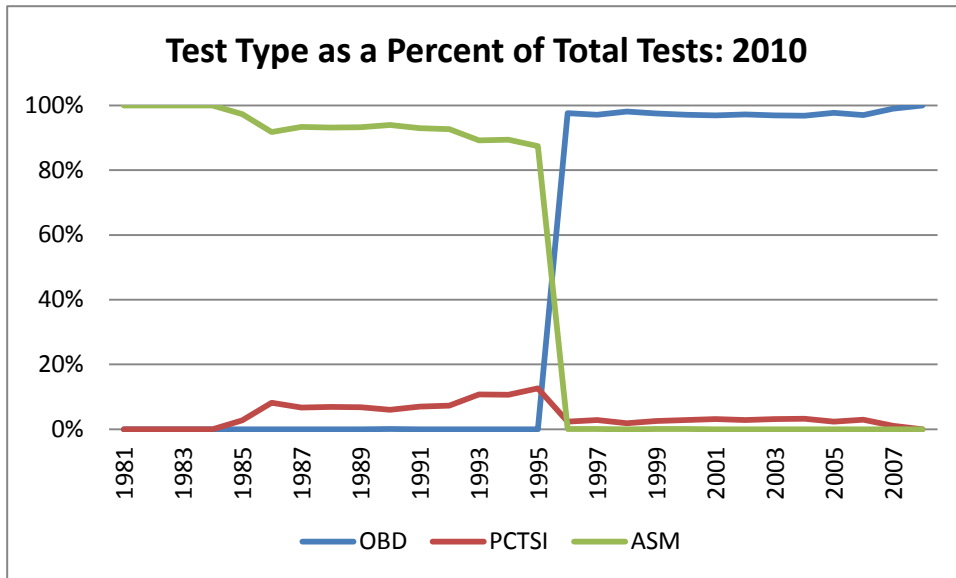
These charts show the total number of inspections by vehicle model year and final inspection type. Most 1996+ vehicles received OBDII tests. A small percent (2%) of the vehicles newer than 1996 were models over 8500 lbs. GVWR without OBD systems.

CT Initial Test Failure Rate by Model Year: 2010
Overall Failure Rate: 11%

CT Initial Test Failure Rate by Model Year: 2011
Overall Failure Rate: 11%
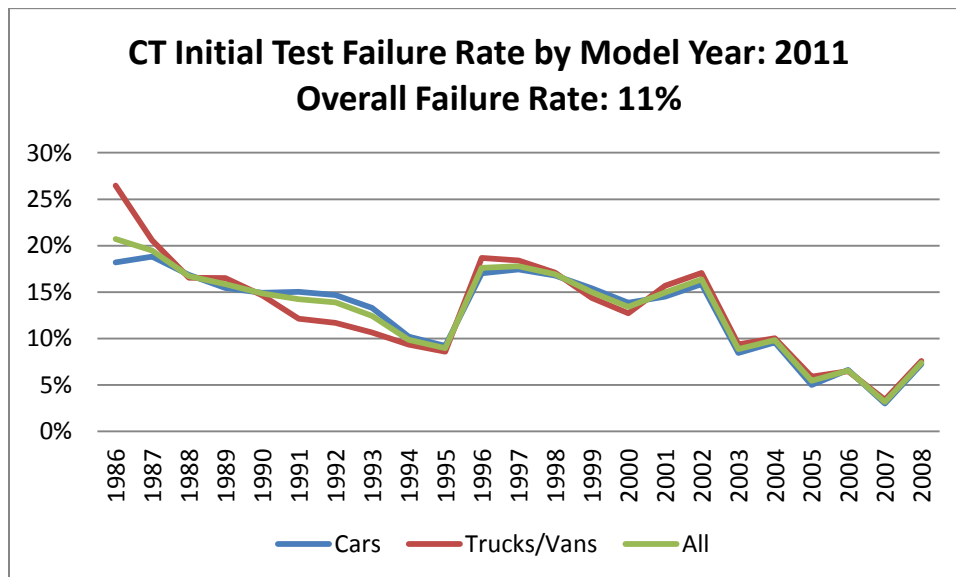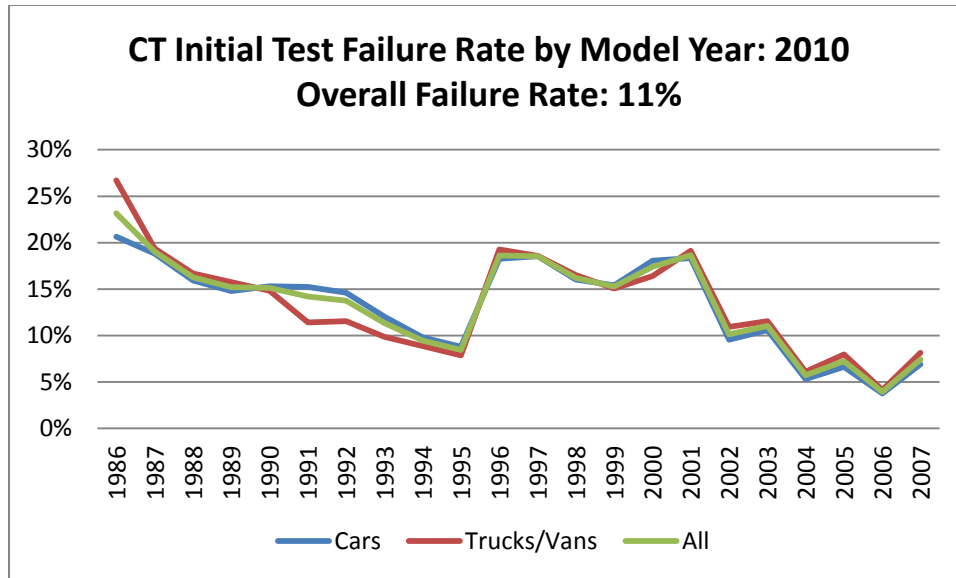
These charts show the overall percentage of vehicles that failed the tailpipe test, gas cap test, visual emission control component test, or the OBD test. Some vehicles failed more than one inspection component. As expected, the failure rate is generally lowest for new vehicles. Following the pattern seen previously, the failure rate for cars and trucks spiked upwards for 1996 model year vehicles, due to increased stringency associated with the implementation of the OBDII test. Compliance with the OBDII test is considered to be more difficult than compliance with the ASM2525 or PCTSI test. The failure rate is consistent with failure rates reported in test-only programs in other jurisdictions. The high initial failure rate for 2007 model year vehicles in 2010 and the 2008 model year vehicles in 2011 is due to the fact that over half of these vehicles tested had dealer plates. Vehicles owned by dealers typically have high not ready rates because their batteries are often insufficiently charged, or had been disconnected during dealer prep[10].

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[10] Readiness status for all monitors usually sets to not ready when a vehicle's battery is disconnected.

CT First Retest Failure Rate by Model Year: 2010
Overall Retest Failure Rate: 12%

CT First Retest Failure Rate by Model Year: 2011
Overall Retest Failure Rate: 12%
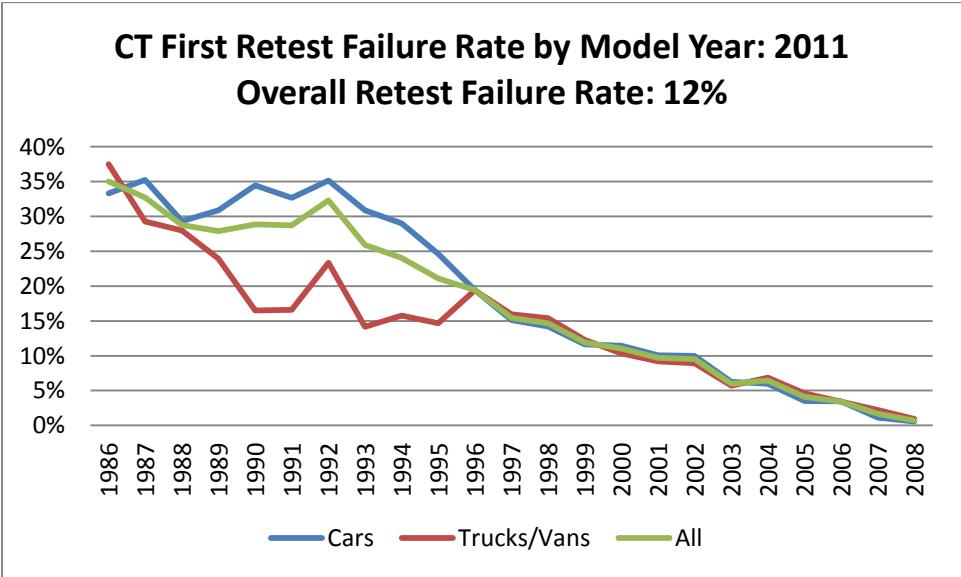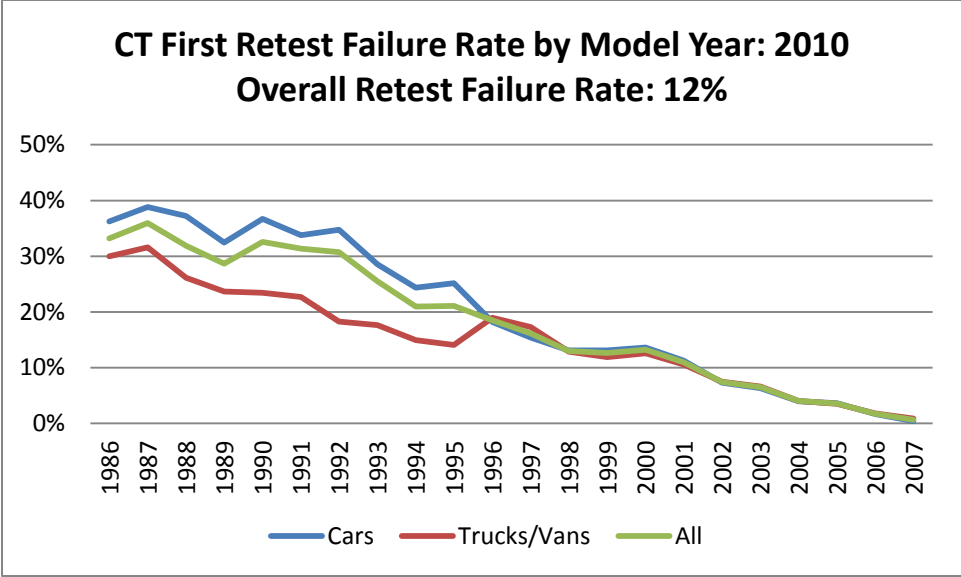
These charts show the percent of vehicles by model year that failed their first retest. The failure rate is highest for the older model year vehicles, which is typical. Overall, in both years 12% of the vehicles tested failed their first retest.

CT Initial ASM Failure Rate: 2010
Overall ASM Failure Rate: 12%

CT Initial ASM Failure Rate: 2011
Overall ASM Failure Rate: 12%
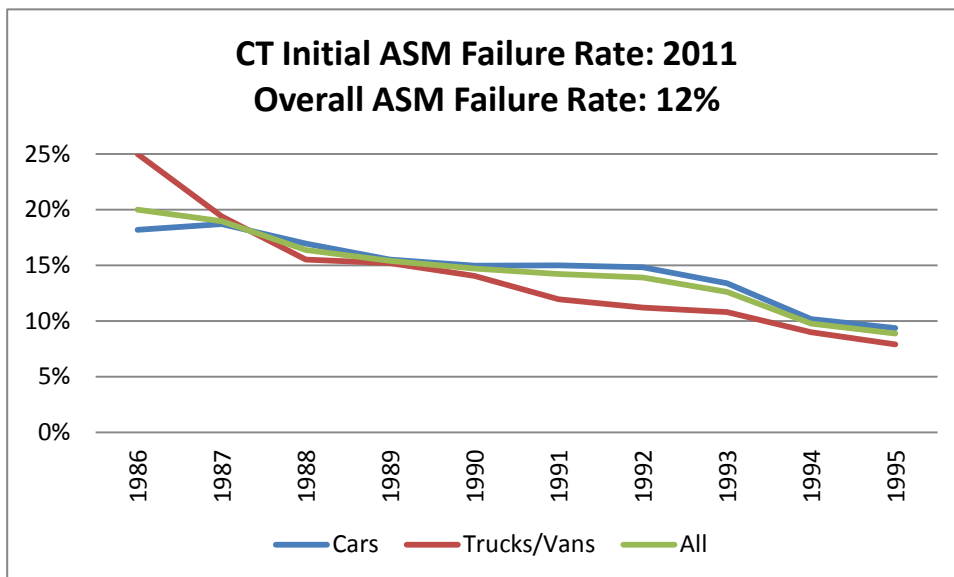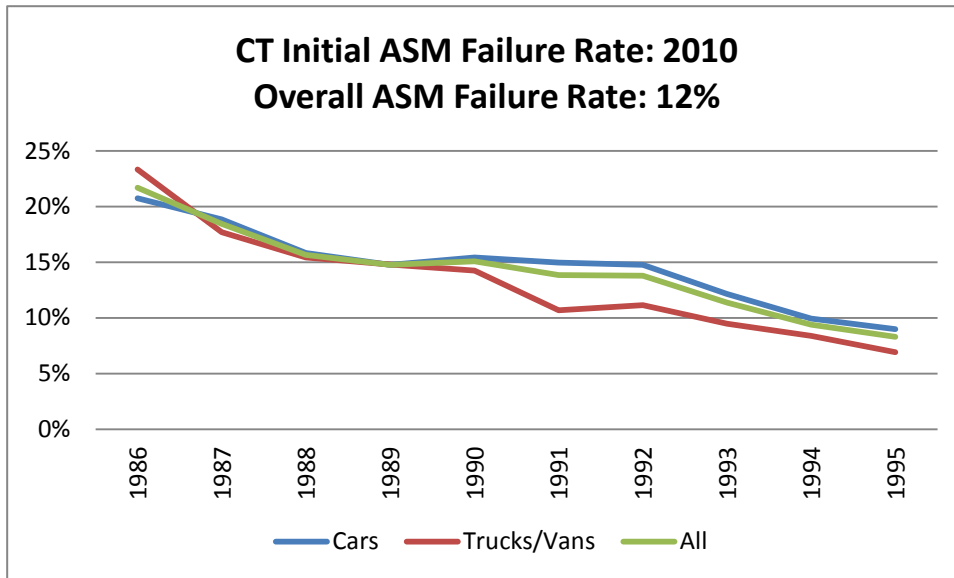
These charts show failure rates by vehicle model year for the ASM test. In both years, the average ASM test failure rate for all vehicles was 12%. Typically, a higher failure rate for older model year vehicles is expected. 1996 and newer model year vehicles received ASM or PCTSI tests, only if they were not equipped with OBDII systems. As a result, there were not enough ASM tests on 1996 and newer vehicles to analyze trends.

CT ASM First Retest Failure Rate: 2010
Overall ASM First Retest Failure Rate: 28%

CT First Retest ASM Failure Rate: 2011
Overall First Retest ASM Failure Rate: 27%
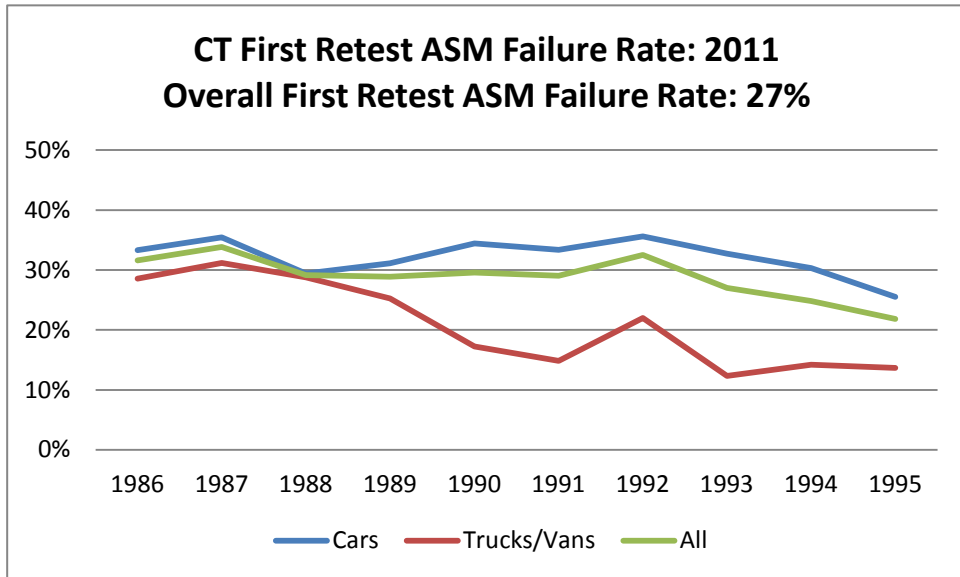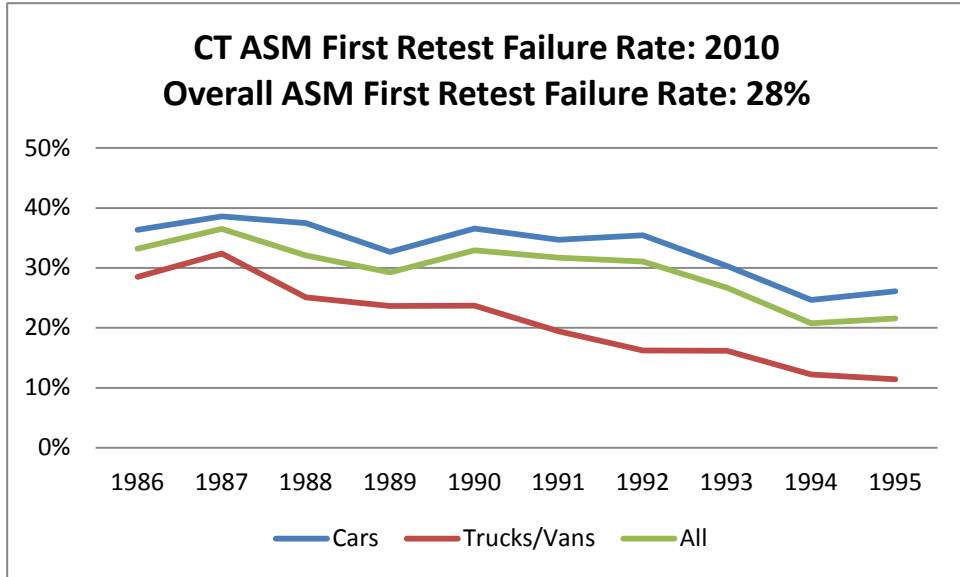
These charts show the percentage of vehicles by vehicle model year that failed their first ASM retest. The retest failure rate generally is highest for the older vehicles. Overall, 27% to 28% of the vehicles failed the first ASM retest.

CT Initial Gas Cap Failure Rate: 2010
Overall Failure Rate: 4.5%

CT Initial Gas Cap Failure Rate: 2011
Overall Fail Rate: 4.8%
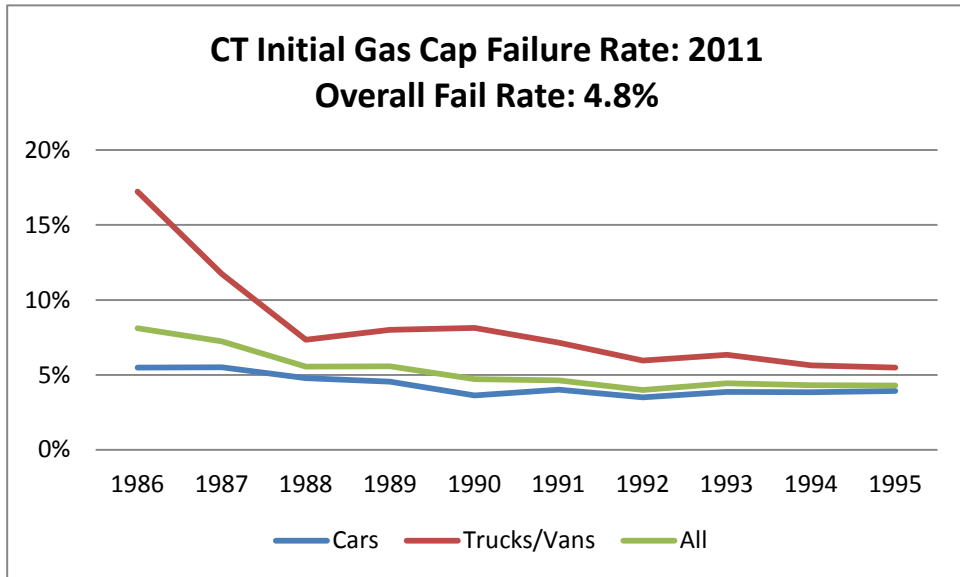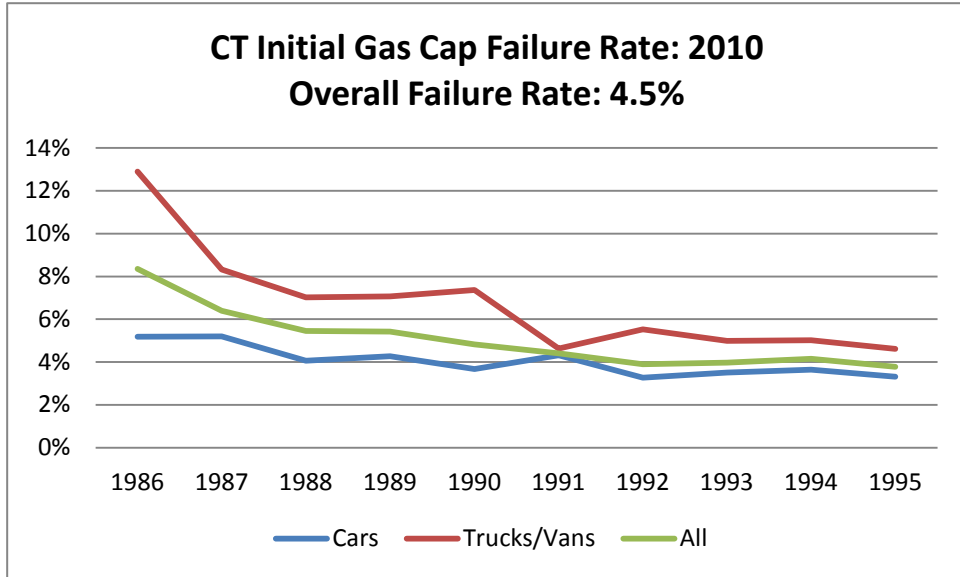
These charts show the gas cap pressure test failure rate by vehicle model year. Overall, 4.5% to 4.8% of the vehicles that receive gas cap tests fail the test. As with the ASM2525 test, the failure rate is higher for older vehicles, which is expected. 1996 and newer light-duty vehicles no longer receive gas cap tests.

CT Retest Gas Cap Failure Rate: 2010
Overall Retest Failure Rate: 3.9%

CT Retest Gas Cap Failure Rate: 2011
Overall Retest Fail Rate: 4.2%
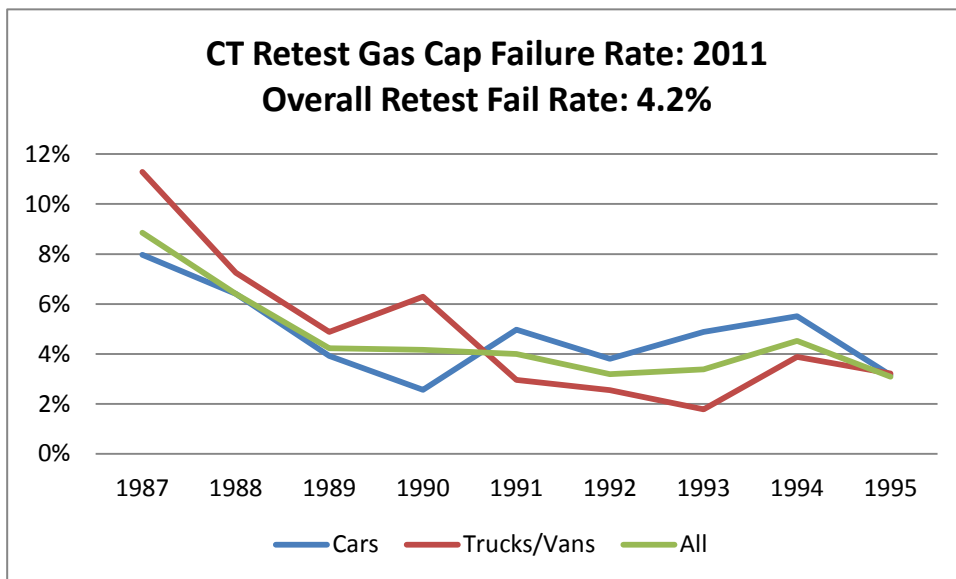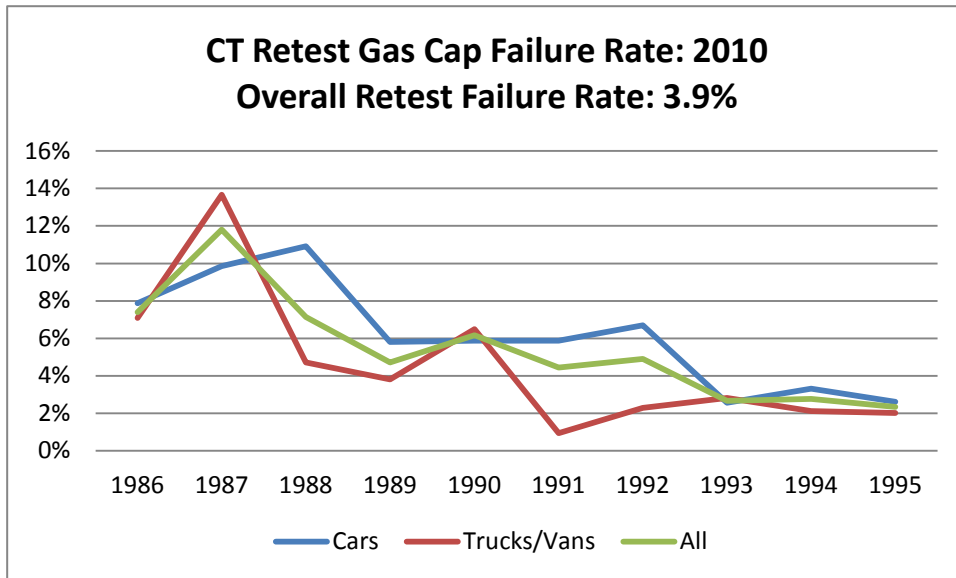
These charts show the gas cap retest failure rate by vehicle model year. Overall, 3.9% to 4.2% of the vehicles fail the first gas cap retest. As expected, the retest failure rate is highest for the older model year vehicles.

CT Initial OBDII Failure Rate: 2010
Overall OBDII Failure Rate: 11%

CT Initial OBDII Failure Rate: 2011
Overall Initial OBDII Failure Rate: 11%
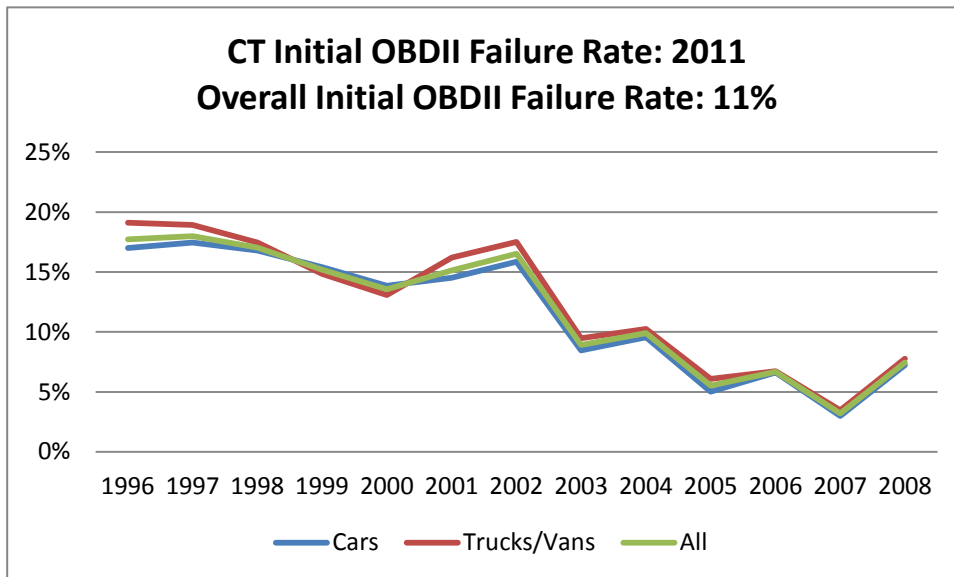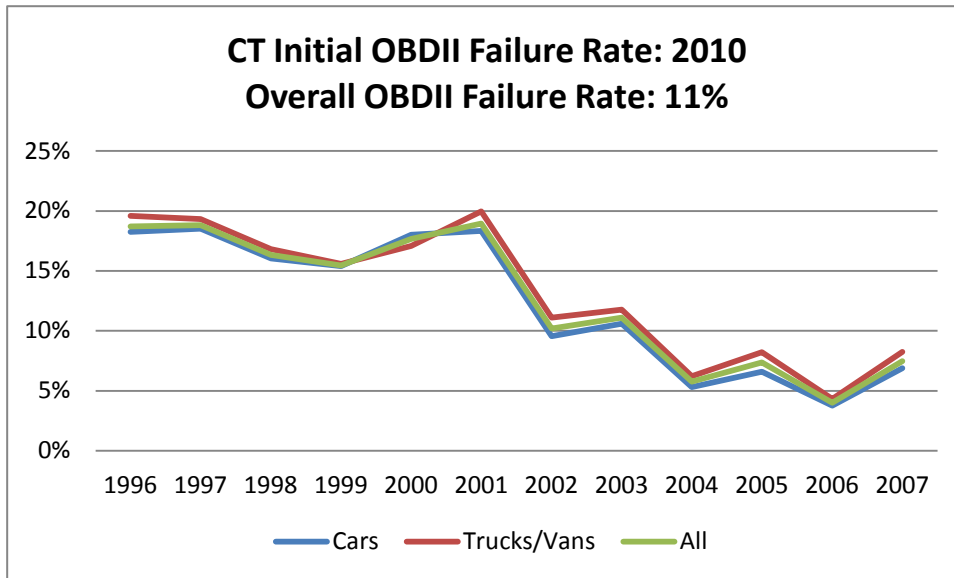
These charts show failure rates by vehicle model year for the OBD test. In both years, the average OBD test failure rate for all vehicles was 11%. Typically, a higher failure rate for older model year vehicles is expected. 19% of the 1996 model year vehicles failed the test. EPA requires that the 2001 and newer model year vehicles have at most one monitor not ready as opposed to two for 2000 and older model year vehicles. This change in readiness requirement explains the slightly elevated failure rate for 2001 model year vehicles. The increase in failure rates for 2007 model year vehicles in 2010 and the 2008 model year vehicles in 2011 reflects a high "not-ready" rate for these models. The high initial failure rate for 2007 model year vehicles in 2010 and the 2008 model year vehicles in 2011 is due to the fact that over half of these vehicles had dealer plates. Vehicles owned by dealers typically have high not ready rates, because their batteries are often insufficiently charged, or had been disconnected during dealer prep.

CT Initial MIL Failure Rate: 2010
Overall MIL Failure Rate: 6.0%

CT Initial MIL Failure Rate: 2011
Overall MIL Failure Rate: 6.0%
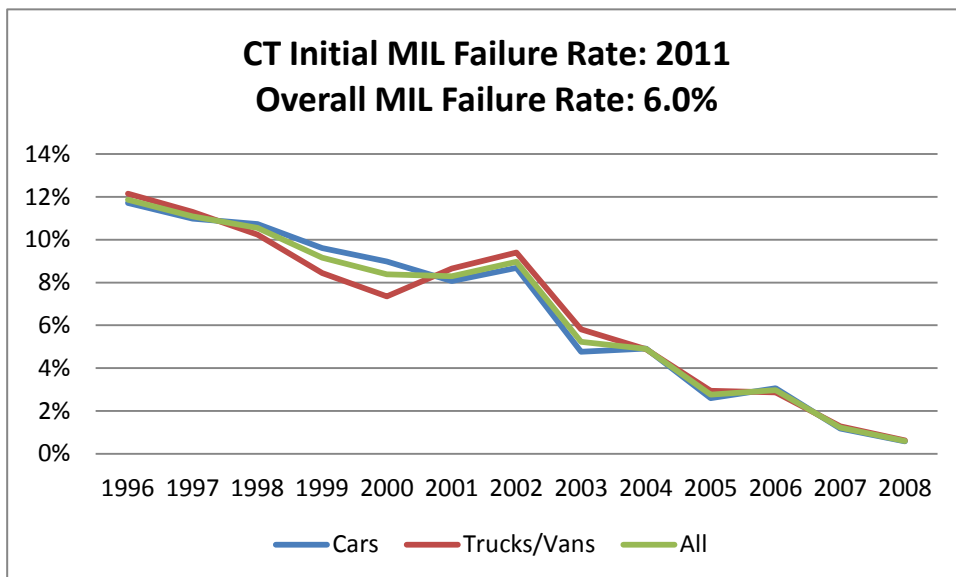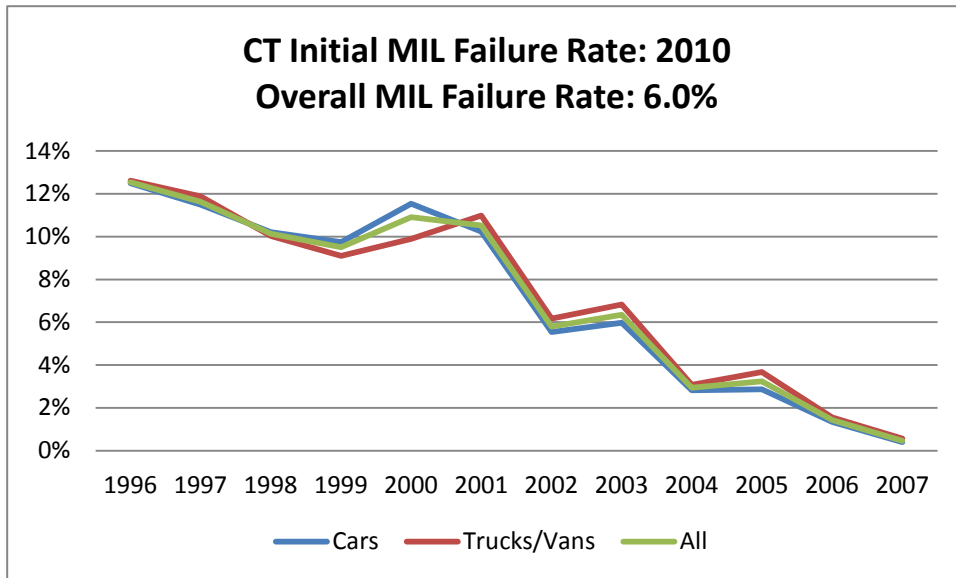
These charts show the percentage of vehicles that fail the MIL Command check that's part of the OBD test. Most OBDII failures are for the MIL Command check. The average MIL failure rate for all vehicles was 6% in both years. This graph shows that older model year vehicles have a higher failure rate, as expected.

CT Initial Readiness Failure Rate: 2010
Overall Readiness Failure Rate: 4.8%

CT Initial Readiness Failure Rate: 2011
Overall Readiness Failure Rate: 4.7%
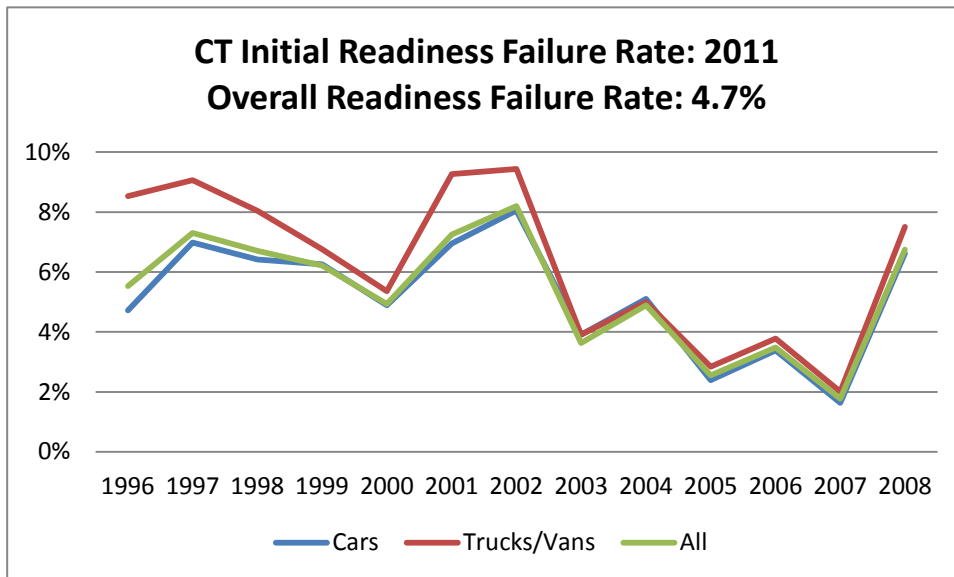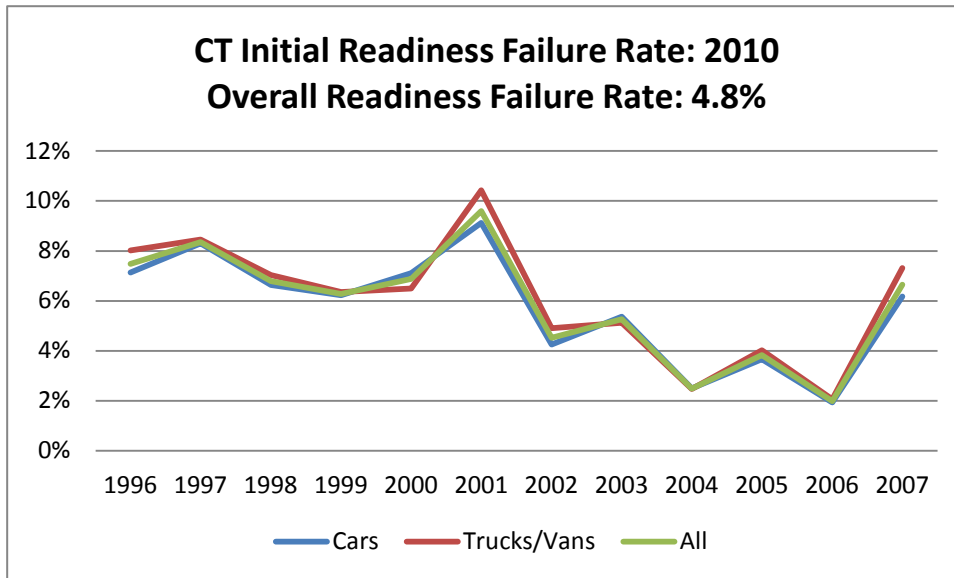
These charts show the percentage of vehicles that exceed EPA's readiness criteria. OBDII systems must indicate whether or not the onboard diagnostic system has monitored each component. Components that have been diagnosed are termed "ready", meaning they were tested by the OBDII system. EPA requires that 2001 and newer model year vehicles have at most one monitor not ready as opposed to two for 2000 and older model year vehicles. This change in readiness requirement explains the elevated failure rate for 2001 model year vehicles. The high "not ready" rate for 2007 models in 2010 and 2008 models in 2011 is due to the fact that over half of the 2007 and 2008 vehicles tested, had dealer plates. Vehicles owned by dealers typically have high not ready rates, because their batteries are often insufficiently charged, or had been disconnected during dealer prep[11]. Overall, 4.7% to 4.8% of the vehicles failed EPA's readiness criteria.

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[11] Readiness status for all monitors usually sets to not ready when a vehicle's battery is disconnected.

CT Initial KOEO Failure Rate: 2010
Overall KOEO Failure Rate: 0.4%

CT Initial KOEO Failure Rate: 2011
Overall KOEO Failure Rate: 0.3%
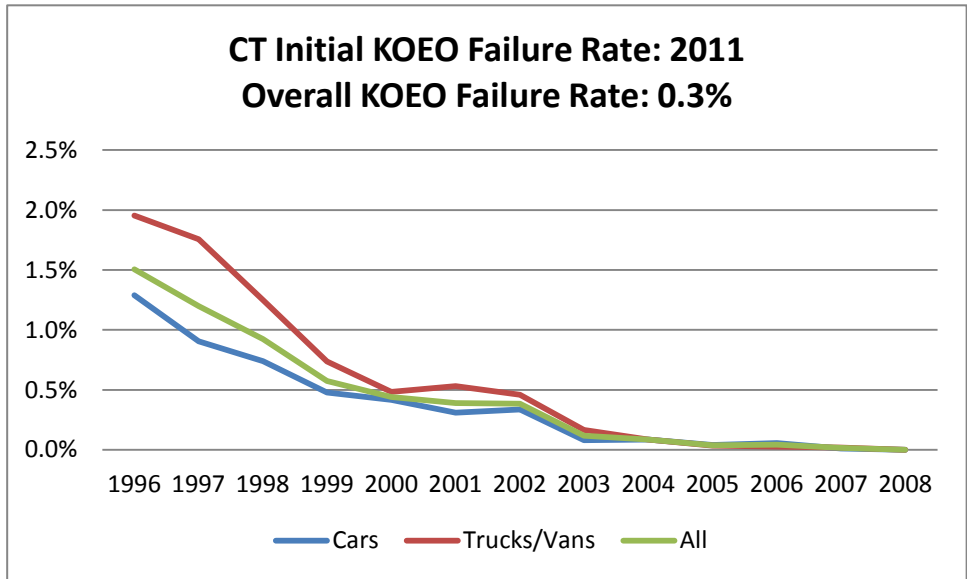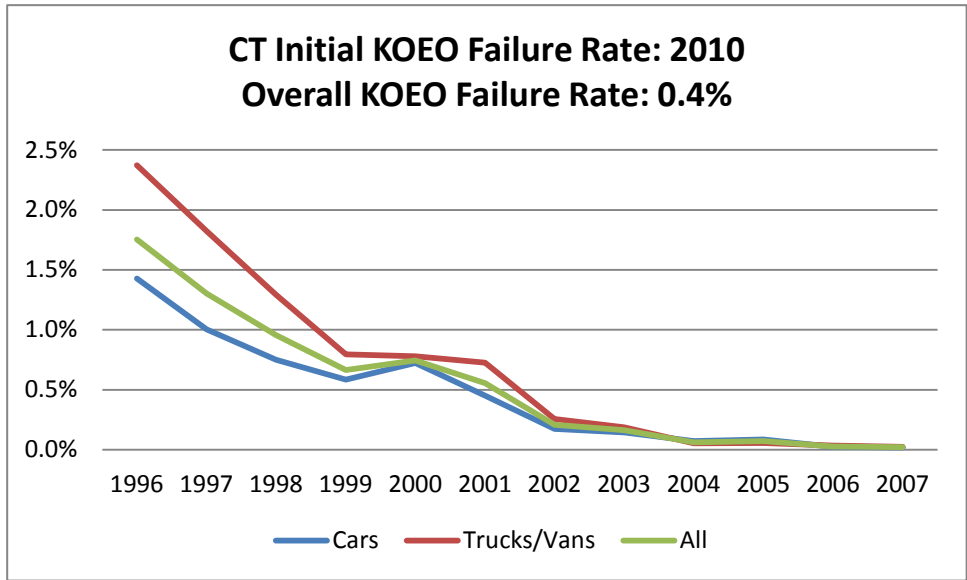
These charts show failure rates by vehicle model year for the Key-On Engine-Off (KOEO) test, which is part of the OBD test. The KOEO determines if the MIL bulb is operational. The bulb should illuminate when the vehicle is turned on, but not started. The average KOEO failure rate for all vehicles was 0.3% to 0.4%.

CT Initial DLC Failure Rate: 2010
Overall DLC Failure Rate: 0.004%

CT Initial DLC Failure Rate: 2011
Overall DLC Failure Rate: 0.005%
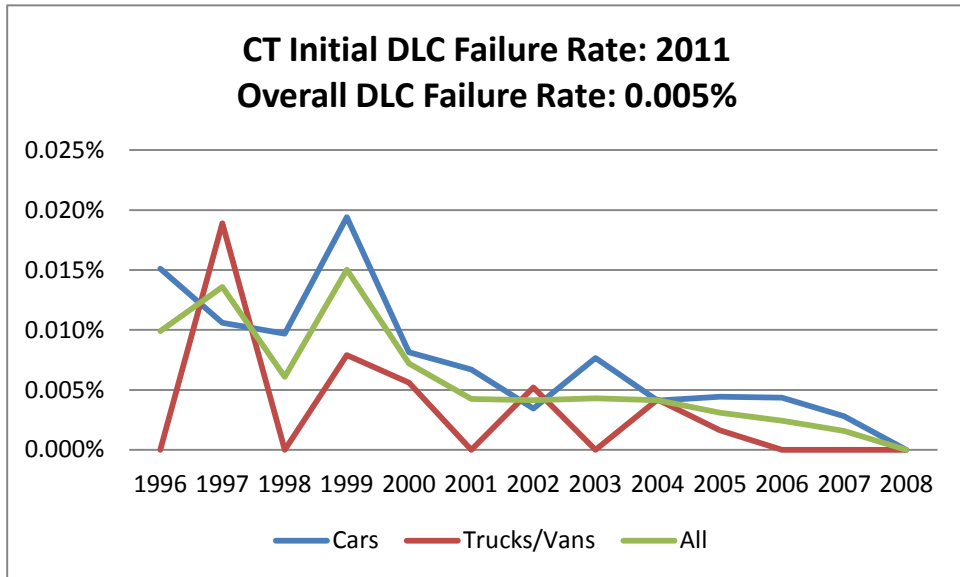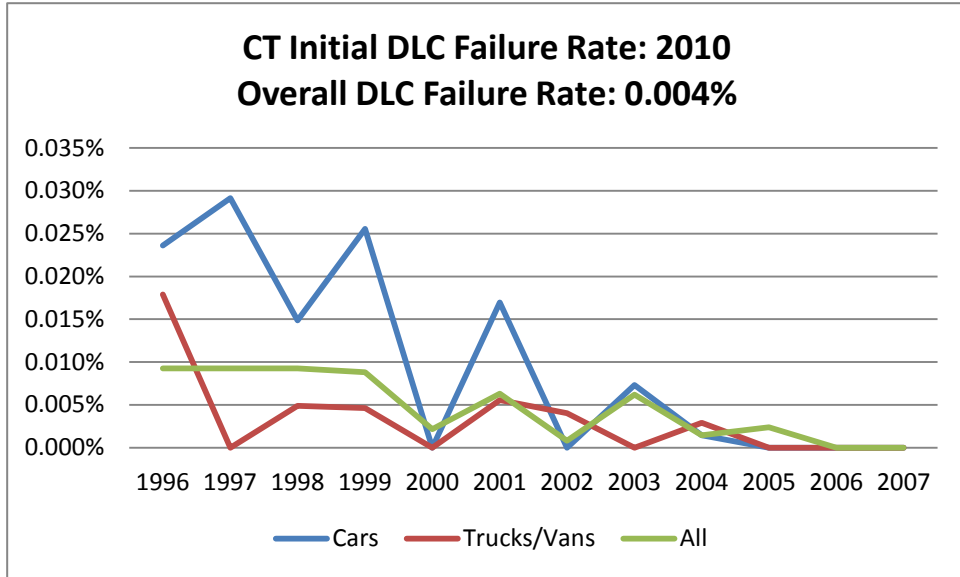
These charts show the percentage of vehicles that failed because the OBDII connector, termed the Data Link Connector or DLC, is missing, damaged or obstructed. Overall, few vehicles (0.004% to 0.005%) failed for this reason.

CT Initial Communication Failure Rate: 2010
Overall Communication Failure Rate: 0.80%

CT Initial Communication Failure Rate: 2011
Overall Communication Failure Rate: 0.72%
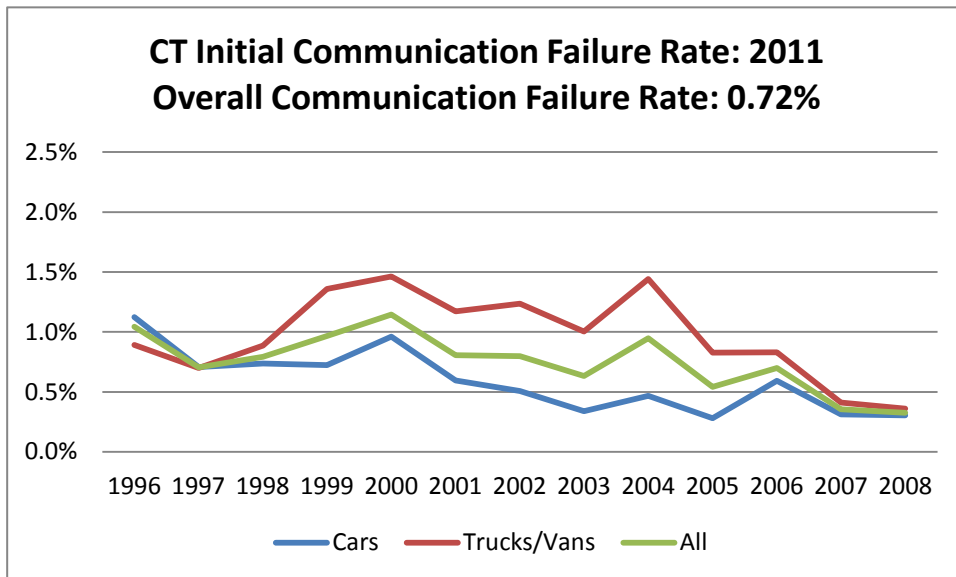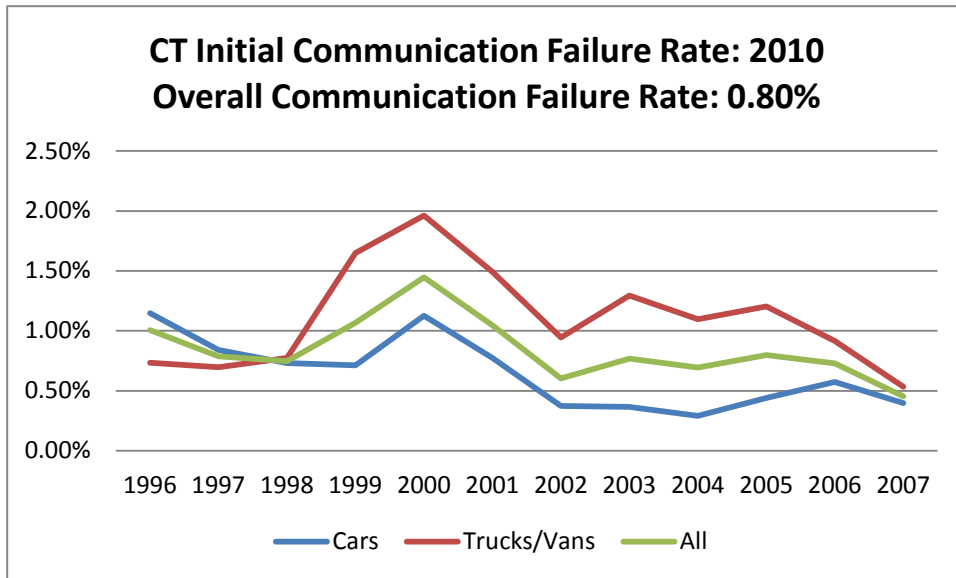
These charts show the percentage of vehicles that failed to communicate with the OBDII test equipment. Overall, 0.7% to 0.8% of the vehicles failed for this reason.

CT 1st Retest OBDII Failure Rate:2010
Overall 1st Retest OBDII Failure Rate: 10%

CT 1st Retest OBDII Failure Rate: 2011
Overall 1st Retest OBDII Failure Rate: 10%
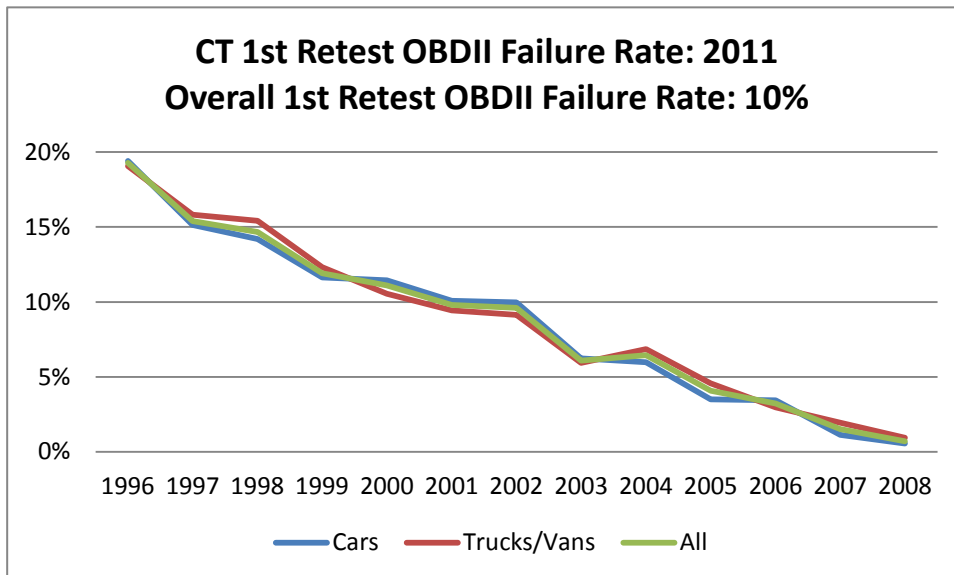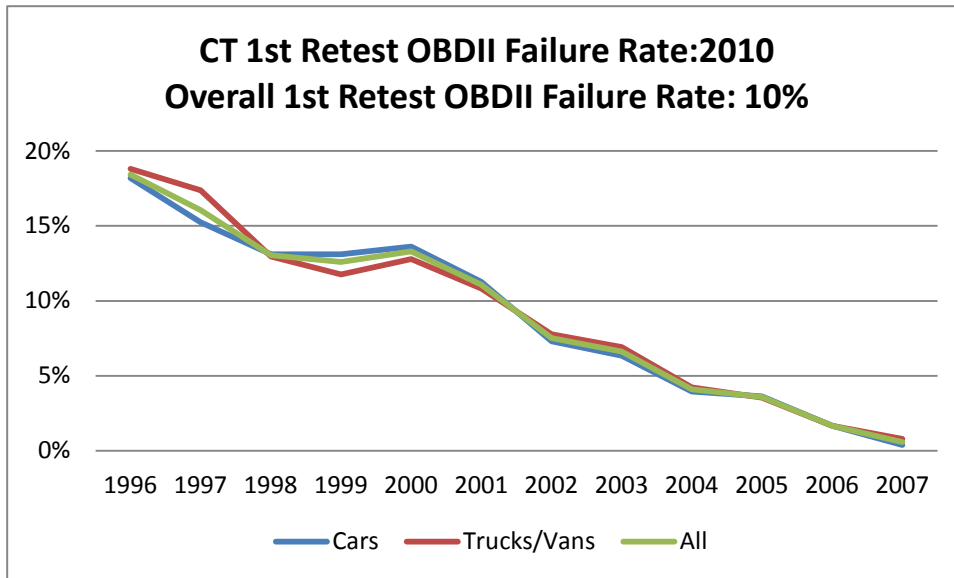
These charts show failure rates by vehicle model year for the first OBD retest. The average failure rate for all vehicles in the first OBD retest was 10%. Connecticut requires OBD failures to meet readiness requirements when retested. If a vehicle does not meet readiness requirements when retested, the inspection is aborted. Vehicles that are not ready on retest are not included in the above failed percentages.

OBD Failure Rates: CT vs. DE
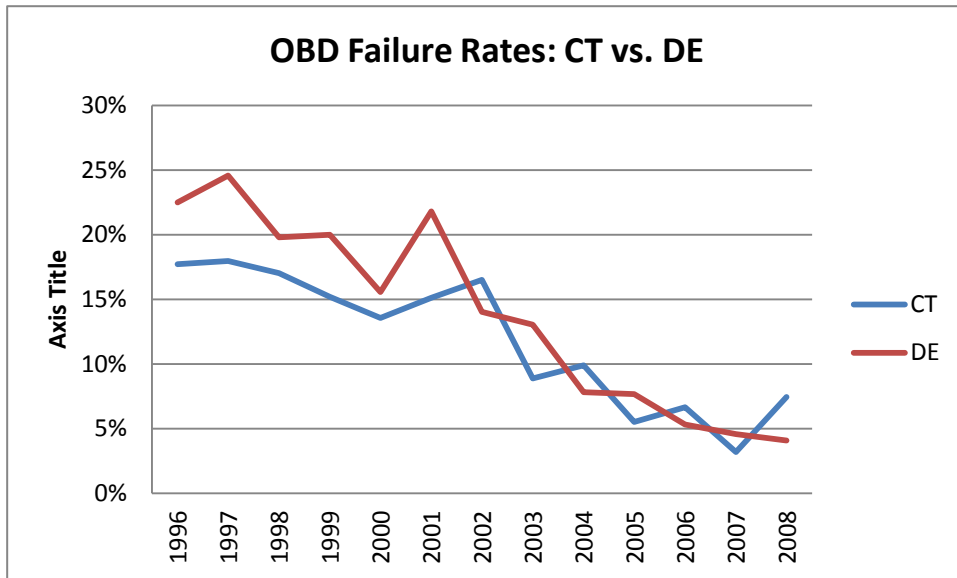
This chart compares failure rates for the OBDII tests in Connecticut and Delaware. Delaware is a state-operated test-only program, which is considered by EPA to be a model for peak I/M performance. Failure rates in both programs are similar, which indicates that Connecticut is operating at peak performance with regard to failure rates.

3.0   Observed Failure Rates for Diesel-Powered Vehicles

Diesel-powered vehicles with a GVWR of 10,000 lbs. or less are also tested in the I/M program in Connecticut. Although the testing and reporting of diesel-powered vehicles is not required, historically Connecticut has reported on diesel testing. This report includes additional information on diesel initial testing, first retest as well as second and later retesting, to respond to EPA's request in their comments on 2010 Annual Evaluation of the Connecticut Inspection/Maintenance Program (2010 Evaluation). If the vehicle is equipped with an OBDII system, an OBDII test is performed. Otherwise, the vehicle receives a test designed to identify excessive exhaust smoke opacity.

Failure rates for diesel-powered vehicles were calculated using test results from I/M test stations. Below is a brief description of the criteria used to determine if a vehicle passes or fails inspection.

Pass/Fail Criteria

Modified Snap Acceleration (MSA) Test: With this test, the throttle is "snapped" (i.e., accelerator is quickly pressed and then released) and exhaust smoke opacity is measured. This test is performed with the vehicle being in "neutral". The average of three snaps is calculated, and compared to the standard recommended by the federal government.

Loaded Mode Diesel (LMD) Test: Vehicles are tested using a dynamometer to simulate driving at 30 mph. Exhaust smoke opacity is measured.

OBDII Inspection: 1997 and newer model year diesels vehicles with less than 8500 lbs. GVWR get an OBDII inspection. The emissions test system is plugged into the OBDII connector and information on the status of the vehicle's OBD system is downloaded. Diesel-powered vehicles will fail the OBDII inspection if they have any of the following problems:

- Malfunction Indicator Lamp (MIL) is commanded-on;
- MIL not working (Termed Key-On Engine-Off, KOEO, failure);
- OBD diagnostic link connector damaged.

Summary of Failure Rates for Diesel-Powered Vehicles

Following is a summary of test results for the January 1, 2010 to December 31, 2011 period. In 2010, 10,302 diesel-powered vehicles received opacity tests, and an additional 2,458 vehicles received OBD tests. In 2011, 10,950 diesel-powered vehicles received opacity tests, and an additional 2,383 vehicles received OBD tests. The table below compares failure rates in 2010 and 2011 for different tests that are performed on diesel powered vehicles. There were too few diesel powered vehicles receiving second and later retests to do an analysis of trends.

Test Type	Parameter	2010	2011
OBD	% Fail Initial	7.4%	8.4%
	% Fail First Retest	8.3%	10%
MSA	% Fail Initial	2.1%	2.3%
	% Fail First Retest	36%	45%
LMD	% Fail Initial	0.9%	0.9%
	% Fail First Retest	23%	12%

Appendix B has details on the OBD, MSA, and LMD test results for diesel as well as gasoline powered vehicles.

Conclusion: These failure rates are similar to rates found in previous evaluation reports. Outside of Connecticut, few states perform periodic tests on diesel-powered vehicles, so there is little basis for a comparison of Connecticut's diesel-powered vehicle failure rate with other states.

4.0   Enforcement of Connecticut's I/M Program

Connecticut's program uses both registration denial and late fee assessment to assure compliance. This section presents an analysis of data relevant to the enforcement of Connecticut's I/M program. Statistics required by 40 CFR 51.366 are presented below, and in the Appendix B, with exception of 40 CFR 51.366(d)(1)(iv) and (v) which are not applicable to Connecticut's program.

Overall Compliance Rate

The overall compliance rate is based on the number of passing inspections divided by the number of vehicles subject to inspection. Connecticut committed to a 96% compliance rate for the vehicles subject to I/M requirements in the SIP. In 2010 and 2011, over 98% of the vehicles due for inspection ultimately passed, so the overall compliance rate exceeds the SIP compliance rate.

Late Fees: In 2010, 159,163 late fees were assessed and in 2011, 162,936 late fees were assessed. These fines serve as an effective motivation for compliance with inspection requirements.

Preventing Circumvention of Connecticut's I/M Requirement

EPA requires states to prevent motorists from avoiding I/M requirements by falsely registering vehicles out of the program area, or falsely changing fuel type or weight class on the vehicle registration. EPA also requires states to report on results of special studies to investigate the frequency of such activity.

- **Circumventing I/M Tests in Connecticut –** Circumventing I/M tests in Connecticut is nearly impossible. First, Connecticut implements the I/M program on a statewide basis. Second, Connecticut tests all fuel types, including hybrids, so motorists cannot avoid inspection by changing fuel type. It may be possible to avoid inspection by registering the vehicle with a GVWR greater than 10,000 lbs., but likely is limited in scope due to the added expense. The majority of vehicles registered with an incorrect GVWR are those where the vehicle owner registers the vehicle at a lower weight to avoid the added expense and would not be emission eligible (>10,000 lbs.) with their corrected weight.

- **Detection and Enforcement Against Motorists That Falsely Change Vehicle Classifications To Circumvent Program Requirements –** Historically, 99% of emission eligible vehicles in Connecticut are in the Passenger, Commercial or Combination classifications. Incidents of motorists modifying a vehicle's registration classification to a non-emission eligible class are rare, most likely because of the added expense, documentation and inspection requirements.

- **Vehicles registered in Connecticut that are operated out-of-state – Connecticut -** DMV has recently changed its policies with respect to detecting vehicles that are registered in the State of Connecticut, but are being operated outside of the state, to avoid being emission tested. Specifically, under its

current procedures, DMV will not allow a vehicle owner to receive numerous time extensions. These efforts are definitely helping to make vehicles registered in Connecticut emissions compliant.

Percent of Failed Vehicles That Ultimately Pass

To determine whether vehicles that failed their emissions test ultimately pass, the fate of vehicles failing the I/M test in 2011 was evaluated. Failures for the first two months of 2011 were tracked through 12/31/2011. Results are shown in the table and figure below.

Overall, 30% of the failures during this two month period had not yet received a passing result or waiver. Results were similar in 2010, where again 30% of the failures during the first two month period had not yet received a passing result or waiver by the end of the year. Overall in both years, over 98% of the vehicles that were tested complied with I/M program requirements. Ultimately, all vehicles must comply, or they cannot be registered in Connecticut, since I/M compliance is a prerequisite for vehicle registration.

As Connecticut has done in previous reports per EPA recommendations, these results are calculated as the percentage of vehicles with no known final outcome as compared to vehicles that initially failed and do not receive a final pass. EPA's comments on the 2010 Evaluation requested that the state note that this methodology is EPA's preferred approach. EPA also states that until further notice, Connecticut may alternatively continue to report this information in Appendix B as the percentage of vehicles with no final pass, based on vehicles initially failed, as the state has done historically.

EPA's comments on the 2010 Evaluation also acknowledge the fact that a more effective I/M program may lead to the sale of vehicles that cannot pass the required I/M test and subsequent re-registration, perhaps in a different state/area with more relaxed testing requirements. To address this potential outcome, EPA recommends that state/areas with I/M programs develop Vehicle Identification Number (VIN)-based databases for vehicles that fail I/M tests and do not receive final passing results. Given that Connecticut, like many states, is operating under constrained resources, EPA must provide the necessary multistate database before a more comprehensive evaluation can be conducted.

Vehicles Tested from 1/1/11 to 3/1/11
with No Known Outcome

Model Year	Initial Fail	Final Retest Pass	No Final Pass	% No Final Pass
1986	4	2	2	50%
1987	93	60	33	35%
1988	109	75	34	31%
1989	136	91	45	33%
1990	142	93	49	35%
1991	148	93	55	37%
1992	216	135	81	38%
1993	258	165	93	36%
1994	340	228	112	33%
1995	430	330	100	23%
1996	900	538	362	40%
1997	1445	920	525	36%
1998	1350	876	474	35%
1999	1794	1178	616	34%
2000	1579	1057	522	33%
2001	1247	799	448	36%
2002	1316	913	403	31%
2003	1471	1131	340	23%
2004	813	590	223	27%
2005	1086	876	210	19%
2006	460	353	107	23%
2007	619	544	75	12%
TOTAL	16,380	11,434	4,946	30%

Percent of Failed Vehicles That Have Not Yet Passed by Model Year
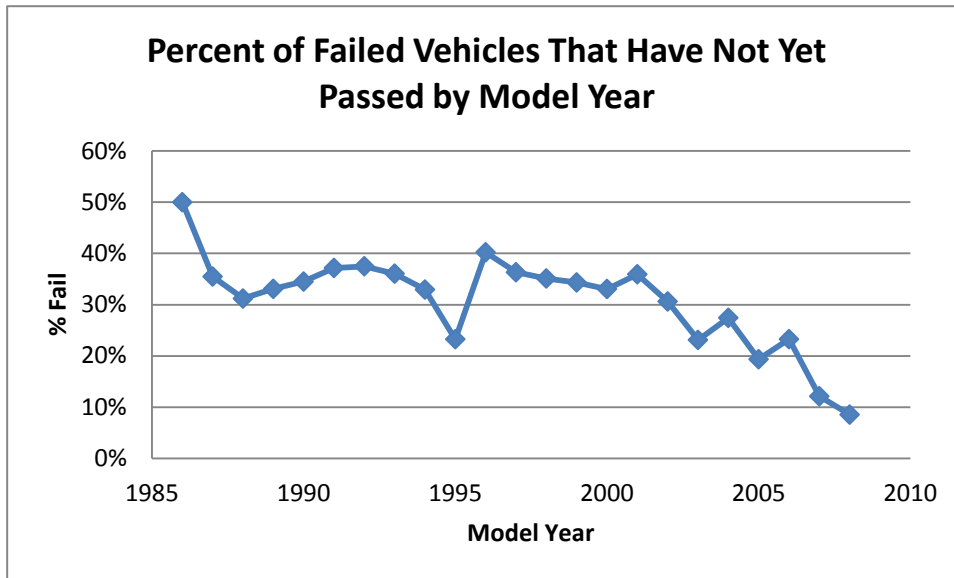
This chart shows the percentage of vehicles that failed the emission test in the first two months of 2011 and never ultimately passed in 2011. The increase from 1995 to 1996 indicates that compliance with the OBD test may be more difficult than the tailpipe test used for pre-1996 vehicles.

Waivers Issued

Another aspect related to enforcement is the number of waivers issued. Program effectiveness is inversely proportional to the waiver rate. As the following table shows, only 0.3% of the vehicles that failed received waivers, indicating that the program is effective. This is much lower than the waiver rates in many other states' I/M programs. Connecticut's I/M SIP committed to a waiver rate of 1%.

Conclusion: Connecticut exceeds SIP requirements for enforcement of motorist compliance. The overall compliance rate in Connecticut exceeds 96%, which is the compliance rate of Connecticut's SIP. Connecticut actively investigates non-compliance and assesses a large number of fines for vehicles that are not presented for emission inspection in a timely manner. Connecticut issues fewer waivers than committed to in Connecticut's SIP.

% of Failed Vehicles Receiving Waivers in 2011

Model Year	Passenger car (P)	Truck (T)	Total # of Waivers	# of Failed Vehicles	% of Failed Vehicles Receiving Waivers
1987	6	0	6	837	0.72%
1988	1	2	3	903	0.33%
1989	2	0	2	1,038	0.19%
1990	1	1	2	1,032	0.19%
1991	3	0	3	1,145	0.26%
1992	6	0	6	1,520	0.39%
1993	4	1	5	1,933	0.26%
1994	1	0	1	2,167	0.05%
1995	5	1	6	2,809	0.21%
1996	19	4	23	5,472	0.42%
1997	28	7	35	8,110	0.43%
1998	21	10	31	8,513	0.36%
1999	25	9	34	10,244	0.33%
2000	38	11	49	13,403	0.37%
2001	42	19	61	14,561	0.42%
2002	18	5	23	8,149	0.28%
2003	14	11	25	10,758	0.23%
2004	4	8	12	4,905	0.24%
2005	3	5	8	7,299	0.11%
2006	2	1	3	2,818	0.11%
2007	0	1	1	4,130	0.02%
Total	**243**	**96**	**339**	111,746	0.30%

Enforcement of Proper Test Procedures Through Trigger Reports and Video Audits

Connecticut is a model for other states in how to enforce proper I/M test procedures. Connecticut actively looks for cases where inspectors may be performing improper inspections, passing vehicles that otherwise should fail. The following is a summary of how Connecticut ensures that stations perform proper inspections:

- DMV runs extensive trigger reports to assure that inspection stations follow proper test procedures. The following demonstrates that DMV has developed a comprehensive set of triggers to verify and enforce compliance with proper test procedures:.

    o Trigger reports look for anomalies in data recorded during inspection. These reports help DMV identify stations performing fraudulent or inaccurate inspections.

    o Triggers focus on finding the following types of fraud:

        o Clean Scanning: Performing an OBDII test on a fault-free vehicle instead of the vehicle that should be tested.

        o Clean Piping: Performing a tailpipe test on a passing vehicle instead of the vehicle that should be tested.

    o These reports are generated frequently to identify stations performing improper inspections. Connecticut promptly investigates all significant cases of possible inspection fraud.

- In addition to the auditing conducted by DMV, DMV requires its Contractor to conduct additional audits.

- On a monthly basis, DMV rotates staff, so that there are two full time video auditors who continually monitor inspections during station operating hours via digital web cameras. Video audits have the following features:

    o Real time monitoring/control of vehicle inspections;

    o Video auditors can selectively view inspections; and

    o If anomalies are detected, DMV requires its contractors to take affirmative actions to halt the inspection.

- No other state does more thorough trigger or video audits and follow-up actions.

Triggers for Clean Scanning/Clean Piping

DMV runs several trigger reports to identify clean scanning and clean piping:

- **Mismatch between entered Vehicle Identification Number (VIN) and OBDII VIN** – Certified Testing Inspectors (CTI) may attempt to pass vehicles with OBDII faults by scanning a problem-free vehicle instead of the one that should be inspected.

    - If the vehicle has an electronic VIN available through the vehicle's OBDII system, clean scanning cases can be identified by comparing entered VIN with VIN provided by vehicle's OBDII system.

    - DMV investigates all VIN mismatches. Most mismatches correspond to vehicles owned by the same person or vehicles that had Program Control Modules replaced without proper programming of the vehicles' computer with the correct VIN, also termed reflashing.

- **Questionable Retests** – Mismatches between initial tests and retests could indicate that the inspector clean-scanned vehicles on retests. DMV checks the following parameters:

    - Supported readiness monitors – different vehicles have different monitors;

    - OBD computer identifiers;

- **Short Time Between Initial OBD Test Fail And Retest Pass** – Stations that often show short time periods, in particular one half hour, between the initial test failure and retest pass could be performing fraudulent inspections. (Short Time Period = ½ hour)

    - It is difficult to repair OBD failures and get failing vehicles to pass within a short time period:

        - MIL-On Fails – It takes time for the MIL to go off, or readiness monitors to reset if codes are cleared.

        - Readiness Fails – It takes time for readiness monitors to set to ready, especially the evaporative monitor.

- **Large Emission Reductions in a Short Time Period (1981-1995 Vehicles)** – Stations reporting large emission reductions in a short time period are more likely to be clean piping the retests. (Short Time Period= ½ hour)

- Overall, 338 trigger incidences were logged by DMV in 2011, which is about 0.3% of the inspections performed. This indicates that inspection fraud is not a serious problem in Connecticut.

Conclusion: Evaluation of the data demonstrates that Connecticut vigorously enforces proper inspection procedures. Inspection fraud is not a problem in Connecticut's I/M program. Connecticut actively investigates possible cases of inspection fraud and initiates corrective action. Less than 0.3% of the tests in Connecticut are suspect.

5.0   Quality Assurance Audits

The DMV and their contractor, Applus, perform the quality assurance (QA) audits required by EPA. Following is an overview of Connecticut's audits, and other QA activities conducted by DMV.

Overt Audits

EPA requires that Overt Audits be performed twice per year per station. DMV meets these requirements through use of the Emission Test Monitoring Report (ETMR). Connecticut prepares ETMRs more frequently than required by EPA. Each month, at least one ETMR is performed on each station. Due to Connecticut's recession-related resource constraints during this past cycle, fewer agents were available for audits, however, the number of stations audited and violations identified remained consistent. In addition, Applus also performs overt audits. Connecticut also checks more items than required by EPA. Connecticut is continuing to evaluate the auditing process to build upon the program's success.

Stations	2010	2011
Total Overt Audits Performed	3,187	2,998
No. of Stations Audited	254	257
No. of Times Each Station Was Audited (range)	1 - 31	0* - 23
No. of Stations That Had No Violations for the Entire Year	135	108
Total Number of Audits for which One or More Violations Were Reported	287	287
No. of Stations That Had Violations	119	151
No. of Stations That Had 1-3 Violations	98	132
No. of Stations That Had 4-6 Violations	17	19**
No. of Stations That Had 7-12 Violations	4	0
Agents		
No. of Agents That Performed Audits During the Course of the Year	15	10
No. of Agents That Are No Longer Performing Overt Audits	5	1
No. of Agents That Are Currently Assigned to Perform Audits	10	9
No. of Audits per Agent (range)	40 - 374	152 - 533
No. of Station Violations Reported per Agent (range)	0 - 98	3 - 110

*ST0005000 came on line November 12, 2011.
 ST0001363 came on line December 21, 2011.
**In 2011, the max number of violations incurred by any station was 5.

Equipment Audits

EPA requires that equipment audits be performed twice per year per station. DMV meets these requirements through the QA Audits. Connecticut conducts equipment audits more frequently than required by EPA. High volume stations are checked monthly, while low volume stations are checked twice per year. In addition, Applus also performs equipment audits. Connecticut checks more equipment items than required by EPA. While an audit may require a station to discontinue tailpipe testing, it can continue OBD testing. Therefore, no stations were totally shut down due to a failed gas equipment audit. Results are presented below. The high number of failed equipment (gas) audits was due to the aging analytical benches and the lack of readily available replacement parts from the manufacturer. This issue will be resolved with the roll out of new, more reliable benches in the new program.

Results of Equipment Audits

Parameter	2010	2011
Total Equipment Audits	834	932
Total Stations that Failed Equipment Audit	160	171
Percentage of stations that failed an equipment (gas) audit	55.94%	67.32%
Number of stations totally shut down as a result of a failed equipment (gas) audit[12]	0	0
Percentage of stations shut down as a result of failed equipment (gas) audit	0.0%	0.0%

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12 Stations that fail equipment audit are prohibited from performing tailpipe emission testing until the equipment problem was resolved. Stations were allowed to continue to perform OBD testing.

Covert Audits

EPA requires that covert audits be performed at least once per year per station. DMV meets these requirements by performing covert audits and video surveillance audits.

During 2011 covert audit vehicles were only available for the first two months, due to resource constraints related to the recession. Although the new program requires the contractor to provide vehicles for auditing, contract delays pushed the implementation of this aspect of the new program to the end of 2011, making additional audit vehicles unavailable. As a result, DMV only performed 49 covert audits in 2011. However, DMV performed 2,051 video surveillance audits, which repeatedly have been proven to be more effective than covert audits in detecting fraud.

Warnings are routinely issued for false passes if DMV does not find that the CTI intentionally or negligently falsely passed a vehicle, thus there can be a difference between the number of false passes and suspensions. Suspensions are usually associated with violations found from trigger reports and data audits. Most false passes are for minor procedural errors, such as failing to perform the visual MIL check correctly. Unless the station repeats these errors, they are issued warnings rather than being suspended.

As stated in the Applus contract, and in the Applus 'station agreement', a CTI is suspended (pending an investigation) when it is determined that the false pass was the result of "Intentionally improperly passing a failing vehicle." Most errors identified by covert and video surveillance audits were determined to be unintentional and due to poor attention to detail. However, a second occurrence of making a careless error, such as missing or incorrectly answering the MIL question, results in an automatic suspension.

Connecticut is a model for running trigger reports and following-up on the issues identified as a result of those audits. Suspensions for violations other than covert audit findings or triggers were for various reasons as outlined in the contract under "Inspector Violations," including, but not limited to data entry errors or incorrect test procedures. The statutory and regulatory basis of the program does not allow Connecticut to issue fines or hold hearings concerning inspectors that falsely pass vehicles in covert audits. Instead, these inspectors are suspended from testing. Whether or not to suspend a station depends on the assessment of the severity of the infraction by Applus.

Contractor QA Activities

Fraud Prevention Systems

In addition to Connecticut's efforts to eliminate fraudulent and inaccurate tests, the State's contractor, Applus, has implemented systems to prevent fraud, including the Connecticut Decentralized Analyzer System (CDAS), provided by Applus, which has features to assure that accurate emissions tests are performed. These systems and features are described below:

- Secure iris recognition system – use of biometrics

- Trend analysis monitoring –

    o Test time duration
    o Initial and retest pass/fail rate
    o Repair costs
    o Waivers
    o Speed variability check
    o Gas cap failure analysis
    o After hours inspection analysis
    o Aborted inspection analysis

Analyzer QA Functions

- Sample system leak check

- Analyzer gas calibrations – Every 72 hours or system will lock out testing

- CDAS units require a two point calibration with BAR 97 high gas followed by BAR 97 low gas blend

- CDAS units have passed BAR 97 certification tests

- Dynamometer undergo a coast down every 72 hours

- Raw transport time verification

- Various other hardware checks are done every 72 hours

- Low sample flow, sample dilution checks etc.

Contractor QA Activities (cont.)

Inspection Results Analysis Audits – monitoring of performance indicators

- # of offline inspections
- Gas cap failures
- OBD failures
- After hours testing

Digital Audits – monitoring of equipment service and repair

- Leak check failures
- NO cell age
- Gas cap calibration failure
- NO response time
- CO response time
- O2 response time
- NO low calibration gas drift
- Bench low calibration failure rate
- Parasitic loss changes

Conclusion: While Connecticut did not meet the required number of covert audits in this inspection cycle due to extenuating circumstances, Connecticut's actions nonetheless demonstrate substantial compliance with EPA's recommended levels of quality assurance.

6.0   Assessment of OBD Testing Issues

Vehicles with Readiness Issues that are Not Currently Exempted from Readiness Requirements

EPA allows states to exempt vehicles from readiness requirements, if they have design flaws that cause them to frequently fail for readiness. In 2007, Connecticut updated its readiness exemption list to include vehicles that had extremely high not ready rates. Based on data from tests performed in 2010 and 2011, no additional vehicle models need to be added to the readiness exemption list. *Connecticut does not need to update its readiness exemption list at this time.*

Vehicles That Fail to Communicate with Connecticut's Test System

A small percentage (0.7% to 0.8%) of the vehicles with OBDII systems fail to communicate with Connecticut's inspection system. In 2010, four models were identified that had high no communication rates. Connecticut's I/M contractor improved the interface for three of the models, and one model (1997 Acura TL) was exempted from the electronic portion of the OBD test. In 2011, only one model had high no communication rates. During 2010, most of vehicles that failed to communicate with test equipment received a visual MIL check to determine if they passed or failed inspection. In 2011, vehicles that failed to communicate with test equipment failed inspection.

Vehicles With High No Communication Rates: 2010

Model Year	Make	Model	OBD Tested	# No COM	No COM Rate
1997	ACURA	2.5TL	67	67	100%
2006	Volkswagen	Multiple	788	726	92%
2006	Mercedes Benz	Multiple	890	680	76%
2006	Audi	Multiple	438	826	53%

Vehicles With High No Communication Rates: 2011

Model Year	Make	Model	OBD Tested	# No COM	No COM Rate
2004	Cadillac	Escalade	12	6	50%

Diagnostic Trouble Codes (DTCs) Recorded in OBDII Failures

The Malfunction Indicator Light (MIL) is part of the OBD system and is used to alert the driver of a potential issue with the vehicle's computerized engine management system. Whenever the MIL is illuminated a Diagnostic Trouble Code (DTC) should be stored in the vehicle's computer. DTCs describe the problem that caused the MIL to go on. Before OBDII, each manufacturer had their own specific trouble code list and code definitions. Under the OBDII requirements, all manufacturers must comply with a standardized convention for DTCs. The universal DTC format consists of a 5-character alphanumeric code, consisting of a single letter character followed by four numbers. The following is an example of the standardized coding for DTCs.

P 0 1 0 1

Bx - Body
Cx - Chassis
Px - Powertrain
Ux - Network Comm.
 x = 0, 1, 2 or 3

Specific Fault Designation

Vehicle Specific System

Example:
P0101 - Mass or Volume Air Flow Circuit Range/Performance Problem

Powertrain Codes
P0xxx - Generic (SAE)
P1xxx - Manufacturer Specific
P2xxx - Generic (SAE)
P30xx-P33xx - Manufacturer Specific
P34xx-P39xx - Generic (SAE)

Chassis Codes
C0xxx - Generic (SAE)
C1xxx - Manufacturer Specific
C2xxx - Manufacturer Specific
C3xxx - Generic (SAE)

Body Codes
B0xxx - Generic (SAE)
B1xxx - Manufacturer Specific
B2xxx - Manufacturer Specific
B3xxx - Generic (SAE)

Network Communication Codes
U0xxx - Generic (SAE)
U1xxx - Manufacturer Specific
U2xxx - Manufacturer Specific
U3xxx - Generic (SAE)

Top 10 DTCs in Connecticut

Following is a list of the most prevalent DTCs in Connecticut in 2010 and 2011. This table lists the ranking of the most prevalent DTCs along with the frequency of its occurrence, expressed as a percentage. Note that the top 10 DTCs are present in about 62% of the MIL-on cases, even though there are over 1000 possible DTCs. The ranking is nearly identical in both years.

Connecticut's Top 10 DTCs				
	2010		**2011**	
DTC	**Rank**	**%**	**Rank**	**%**
P0420 – Low Catalyst Efficiency	1	11.78%	1	12.55%
P0171 -- System Too Lean: Bank 1	2	8.27%	2	8.06%
P0442 -- Evaporative Emission Control System Leak Detected (small leak)	3	7.43%	3	7.38%
P0455 -- Evaporative Emission Control System Leak Detected (gross leak)	4	7.25%	4	7.14%
P0401 – Exhaust Gas Recirculation (EGR) Flow Insufficient	5	5.20%	5	4.92%
P0300 -- Random Misfire	6	4.86%	6	4.79%
P0440 -- Evaporative Emission Control System Malfunction	8	4.49%	7	4.55%
P0174 -- System Too Lean: Bank 2	7	4.66%	8	4.46%
P0141 -- 02 Sensor Heater Circuit Malfunction	9	4.44%	9	4.23%
P0135 -- 02 Sensor Heater Circuit Malfunction	10	4.15%	10	3.83%
Total		62.52%		61.92%

7.0   2009 to 2011 Inspection Cycle Analysis

A dataset of vehicles that were tested in both 2009 and 2011 was created with the goal of determining the durability of repairs performed on vehicles failing in 2009.

Failure Rates

Failure rates (overall, by test type and by model year) in 2011 were determined for the following groups of vehicles that were tested in 2009:

- Passed initial test in 2009; or

- Failed initial test/passed retest in 2009.

The failure rate for 2011 was 8% for the sample of vehicles that passed their initial test in 2009. The failure rate in 2011 was much higher, 22%, for the sample of vehicles that failed in 2009, and were subsequently repaired in order to pass.

Emission Rates

Since the ASM2525 test allows a quantification of emissions levels that the other test procedures do not provide, emissions data from vehicles that had received these tests were evaluated to project how much emissions increased over the two year cycle.

Average ASM2525 emission rates (overall and by model year) for 1995 and older models in 2009 and 2011 were calculated for vehicles for the following groups:

- Passed initial test in 2009; or

- Failed initial test but passed retest in 2009.

Emissions were significantly higher two years later for vehicles that failed and were repaired to pass in 2009. On the other hand, vehicles that passed their initial test in 2009 saw minimal increases in emissions in 2011, which indicates that they were capable of maintaining good control over emissions despite their age.

The high failure rates and emissions levels in 2011 for vehicles that failed and were repaired to pass in 2009 may be due to several factors, including that some vehicles are more prone to be high emitters, even after they are repaired. The higher emissions and failure rates for previous failures may also indicate that repair quality can be significantly improved, but an evaluation of this possibility was not possible since the data on who conducted the repairs in 2009, i.e., Certified Repairers, non certified repairers, or self repairs by the motorist were not available. The charts that follow have details on this analysis.

2011 Failure Rate by 2009 Test Result by Model Year
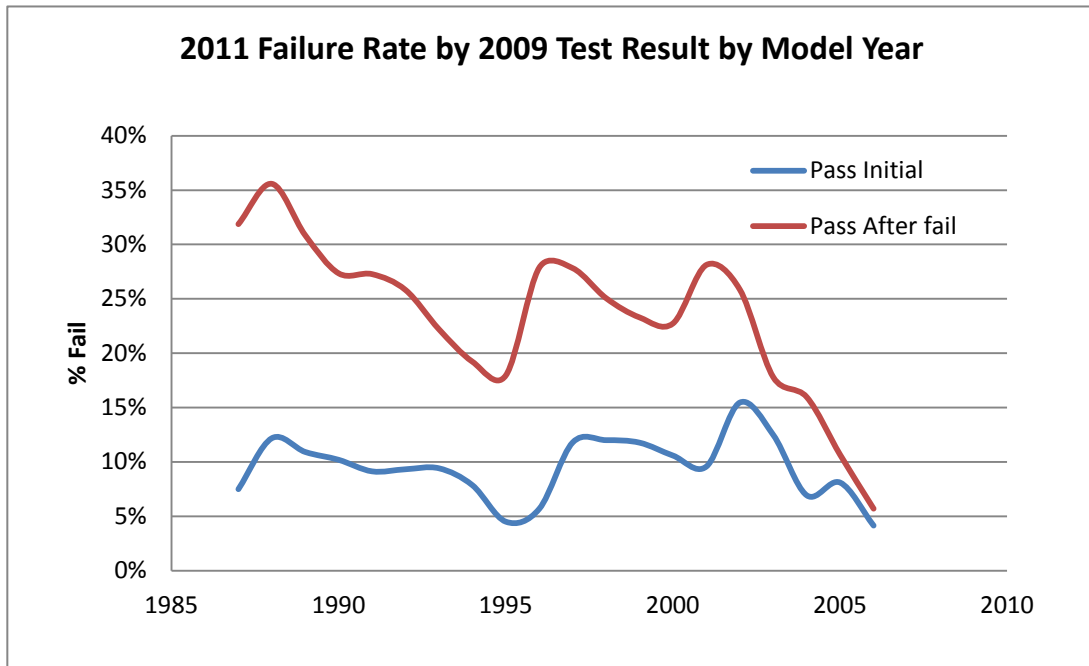
This chart shows failure rates by model year in 2011 for vehicles that passed in 2009. Failure rates in 2011 are compared for two groups of vehicles: 1) vehicles that passed their initial test in 2009 and 2) vehicles that failed and were repaired to pass in 2009. The second group had much higher failure rates in 2011, indicating that these vehicles may be more prone to failing I/M inspections.

2011 Test Result by 2009 Test Result By Inspection Type
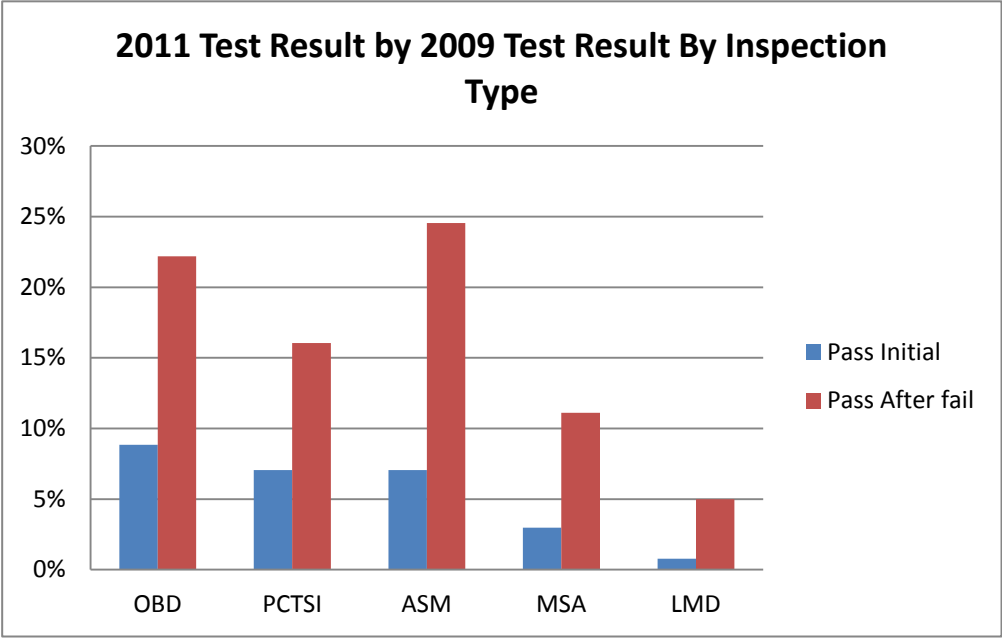
This chart shows failure rates by inspection type in 2011 for vehicles that passed in 2009. Failure rates in 2011 are compared for two groups of vehicles: 1) vehicles that passed their initial test in 2009 and 2) vehicles that failed and were repaired to pass in 2009. The second group had much higher failure rates in 2011 for all inspection types indicating that these vehicles may be more prone to failing I/M inspections.

Comparison of ASM 2525 HC in 2009 and 2011
Vehicles that Passed Initial Test in 2009

This chart shows average HC emissions by model year in 2009 and 2011 for vehicles that passed their initial test in 2009. Emissions increase slightly from 2009 to 2011. This indicates that many older vehicles can maintain low emissions levels.

Comparison of ASM 2525 HC in 2009 and 2011
Vehicles that Passed After Failing Initial Test in 2009

This chart shows average HC emissions by model year in 2009 and 2011 for vehicles that passed their retest in 2009. Emissions increase significantly from 2009 to 2011. This may indicate that many repairs may not have fully addressed the emissions problem in any given vehicle.

Comparison of ASM 2525 NO in 2009 and 2011
Vehicles that Passed Initial Test in 2009

This chart shows average NO emissions by model year in 2009 and 2011 for vehicles that passed their initial test in 2009 Emissions increase slightly from 2009 to 2011. This indicates that many older vehicles can maintain low emissions levels.

Comparison of ASM 2525 NO in 2009 and 2011
Vehicles that Passed After Failing Initial Test in 2009

This chart shows average NO emissions by model year in 2009 and 2011 for vehicles that passed their retest in 2009. Emissions increase significantly from 2009 to 2011. This may indicate that many repairs may not have fully addressed the emissions problem in any given vehicle.

7.0 Program Enhancements in 2012 and in the Future

DEEP and DMV evaluate Connecticut's I/M program to ensure that it continues to operate accurately and effectively while assuring air quality benefits are achieved. In 2011, DMV executed a new contract to upgrade the I/M program. The new program will continue to perform tailpipe tests on pre-1996 vehicles, which do not have OBD systems. This will maintain the air quality benefits necessary to meet Clean Air Act requirements and statutory restrictions.

Due to time constraints, rolling implementation of the new program will occur.   A new type of bench, which is known to be more reliable, will be utilized, resolving the high rate of equipment (gas) auditing failures. The vendor will supply the vehicles for covert auditing, with DMV staff continuing to conduct the auditing procedures.

Connecticut will continue with stringent quality assurance and fraud detection activities. In addition to conducting ongoing assessments of the I/M program, Connecticut will seek out additional opportunities to increase the effectiveness of the program. For example, the next generation Connecticut Vehicle Inspection Program will place additional emphasis on the training and evaluation of the effectiveness of the role of the repair industry in overall program compliance.

The following enhancements to the Emissions Program are being implemented:

1.   The time extensions policy was changed to disallow a vehicle owner from receiving numerous time extensions.
2.   Iris Enrollments are now done by Applus.
3.   Iris enrollment prompts are now included in CDAS. An Iris scan cannot be replaced by badge use without previously calling in a work order and the CTI will be locked out without such a work order.
4.   VIN enforcement now includes more safeguards to ensure the correct VIN is entered.
5.   An evaluation of safeguards is being conducted to improve the accuracy of the GVWR that is entered through the registration process.
6.   A video of the test is now stored with test record.
7.   More cameras are being used per lane. Now there are a total of four (3 plus iris), previously there were a total of 3 (2 plus iris).
8.   New monitoring with an engine temperature sensor ensures the vehicle is warmed up prior to receiving a tailpipe test.
9.   The Testing Reciprocity document with other states was updated. Reciprocity testing is limited to one inspection cycle.
10.   The Dashboard is now equipped with automated audit and includes:
   a. Reports
   - Official Test Report
   - Notification Letters Report
   - Offline By Test Center Report
   - Video Streaming

- Consecutive No Communications Report
- Weather Station Report
- Calibration Reports
- VIR Reprint
- Aborted / Incomplete Test Report
- TSI Cutpoint Report
- Inventory Adjustment Report

b. Test Center Documents
- CDAS Materials
- Fast Fact Messages
- Certified Emissions Repair Technicians (CERT)
- Test Center Materials
- Certified Testing Inspector (CTI) Form
- Training Materials

c. Non-Compliance
- Software Version Compliance
- Vehicles with GVWR>8,500 Pounds
- Monitor Mismatches
- Inspector ID Entry
- Software Version Non-Compliance
- All OBD Monitors Display Unsupported
- OBD Short Time Tests <= ½ Hour
- VIN Entry Type
- Offline Test Rates
- OBD VIN Mismatch
- A/C Monitor Ready or Not Ready
- ASM Short Time Test <= ½ Hour
- PID and PCM Mismatches
- Aborted Inspection

11. Stations and CTIs are locked out of the system if penalties assessed by Applus according to the contract/station participation agreement schedule of infractions, as established in the Compliance Action Plan, are not received.

12. Challenge test process has been streamlined to ensure the equipment is functioning properly. The procedure now entails first contacting Applus to verify the proper operation of equipment.

13. More diesel test station locations have been brought into the program.

14. CO detectors are now required at all test facilities.

15. System lockouts now occur for weather station anomalies.

16. Equipment tamper/malfunctions generate automatic email notifications.

17. DSL or faster internet connection is now required for test equipment.

18. Every CTI was retrained prior to the start of the new program.

19.   Emissions staff are now all centrally stationed in Wethersfield to improve logistics.

20.   The fleet testing program is being reviewed especially with respect to training and maintenance.

21.   Cameras with higher megapixel resolution are now being used.

22.   DMV now has access directly to the enhanced comprehensive Work Order database, which enhances review.

23.   The Work Order database now indicates all work orders.

24.   Work Order database now indicates test type affected.

25.   There is new guidance for issuing waivers, including how the nature of the repair has to equate to the reason for failure.

26.   Presently revising the CTI training manual to allow for DMV review of training evaluations as a tool to modify and amend the training to increase efficiency.   The new manual also is intended to be used for oversight of equipment malfunction.

8.0   Conclusions

Key conclusions from this analysis:

❖   Connecticut is failing the expected number of vehicles. Overall, 12% of the vehicles tested failed inspection in 2010 and 2011. 30% of the vehicles that failed in the first two months of 2011 did not receive a passing result or waiver by the end of 2011. Ultimately these vehicles must comply with I/M requirements, since compliance with I/M standards is a prerequisite to vehicle registration. The enforcement of Connecticut's I/M program exceeds the enforcement levels assumed in emissions modeling for the Connecticut SIP.

❖   Over 98% of the vehicles subject to I/M requirements comply with standards. Connecticut actively investigates non-compliance and assesses fines for late inspections. In 2010 and 2011, respectively, 159,163 and 162,936 fines were assessed for late inspections. Linking registration to compliance in addition to late inspection fines contribute to Connecticut's very high compliance rate.

❖   While Connecticut did not meet the required number of covert audits in this inspection cycle due to extenuating circumstances. Connecticut's actions nonetheless demonstrate substantial compliance with EPA's recommended levels of quality assurance.

❖   Connecticut conducts extensive compliance assurance activities on the I/M program. Evaluation of these quality assurance data demonstrates that the program performs accurate inspections. Connecticut is a national model for other states' enforcement activities.

❖   Connecticut's new I/M contract is designed to ensure the I/M program continues to effectively achieve the expected air quality benefits. Challenges associated with some of the existing protocols will be resolved with the full implementation of the new program.

Appendix A
EPA Checklist

Appendix A:
40 CFR Part 51 - Subpart S Inspection/Maintenance Program Requirements
51.366 - Data Analysis and Reporting Requirements

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(a) Test Data Report The program shall submit to EPA by July of each year a report providing basic statistics on the testing program for January through December of the previous year, including:		
(1) The number of vehicles tested by model year and vehicle type;		
(2) By model year and vehicle type, the number and percentage of vehicles:		
(i) Failing initially, per test type;		
(ii) Failing the first retest per test type;		
(iii) Passing the first retest per test type;		

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(iv) Initially failed vehicles passing the second or subsequent retest per test type;		
(v) Initially failed vehicles receiving a waiver; and		
(vi) Vehicles with no known final outcome (regardless of reason). *(vii)-(x) [Reserved]*		
(xi) Passing the on-board diagnostic check;		
(xii) Failing the on-board diagnostic check;		
(xiii) Failing the on-board diagnostic check and passing the tailpipe test (if applicable);		
(xiv) Failing the on-board diagnostic check and failing the tailpipe test (if applicable);		
(xv) Passing the on-board diagnostic check and failing the I/M gas cap evaporative system test (if applicable);		
(xvi) Failing the on-board diagnostic check and passing the I/M gas cap evaporative system test (if applicable);		

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(xvii) Passing both the on-board diagnostic check and I/M gas cap evaporative system test (if applicable);		
(xviii) Failing both the on-board diagnostic check and I/M gas cap evaporative system test (if applicable);		
(xix) MIL is commanded on and no codes are stored;		
(xx) MIL is not commanded on and codes are stored;		
(xxi) MIL is commanded on and codes are stored;		
(xxii) MIL is not commanded on and codes are not stored;		
(xxiii) Readiness status indicates that the evaluation is not complete for any module supported by on-board diagnostic systems;		
(3) The initial test volume by model year and test station;		
(4) The initial test failure rate by model year and test station; and		

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(5) The average increase or decrease in tailpipe emission levels for HC, CO, and NOX (if applicable) after repairs by model year and vehicle type for vehicles receiving a mass emissions test.		
(b) Quality assurance report. The program shall submit to EPA by July of each year a report providing basic statistics on the quality assurance program for January through December of the previous year, including:		
(1) The number of inspection stations and lanes:		
(i) Operating throughout the year; and		
(2) The number of inspection stations and lanes operating throughout the year:		
(i) Receiving overt performance audits in the year;		
(ii) Not receiving overt performance audits in the year;		
(iii) Receiving covert performance audits in the year;		

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(iv) Not receiving covert performance audits in the year; and		
(v) That have been shut down as a result of overt performance audits;		
(3) The number of covert audits:		
(i) Conducted with the vehicle set to fail per test type;		
(ii) Conducted with the vehicle set to fail any combination of two or more test types;		
(iii) Resulting in a false pass per test type;		
(iv) Resulting in a false pass for any combination of two or more test types;		
(4) The number of inspectors and stations:		
(i) That were suspended, fired, or otherwise prohibited from testing as a result of covert audits;		
(ii) That were suspended, fired, or otherwise prohibited from testing for other causes; and		

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(iii) That received fines;		
(5) The number of inspectors licensed or certified to conduct testing;		
(6) The number of hearings:		
(i) Held to consider adverse actions against inspectors and stations; and		
(ii) Resulting in adverse actions against inspectors and stations;		
(7) The total amount collected in fines from inspectors and stations by type of violation;		
(8) The total number of covert vehicles available for undercover audits over the year; and		
(9) The number of covert auditors available for undercover audits.		

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(c) Quality control report The program shall submit to EPA by July of each year a report providing basic statistics on the quality control program for January through December of the previous year, including:		
(1) The number of emission testing sites and lanes in use in the program;		
(2) The number of equipment audits by station and lane;		
(3) The number and percentage of stations that have failed equipment audits; and		
(4) Number and percentage of stations and lanes shut down as a result of equipment audits.		

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(d) Enforcement report. (1) All varieties of enforcement programs shall, at a minimum, submit to EPA by July of each year a report providing basic statistics on the enforcement program for January through December of the previous year, including:		
(i) An estimate of the number of vehicles subject to the inspection program, including the results of an analysis of the registration data base;		
(ii) The percentage of motorist compliance based upon a comparison of the number of valid final tests with the number of subject vehicles;		
(iii) The total number of compliance documents issued to inspection stations;		
(iv) The number of missing compliance documents;		
(v) The number of time extensions and other exemptions granted to motorists; and		

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(vi) The number of compliance surveys conducted, number of vehicles surveyed in each, and the compliance rates found.		
(2) Registration denial based enforcement programs shall provide the following additional information:		
(i) A report of the program's efforts and actions to prevent motorists from falsely registering vehicles out of the program area or falsely changing fuel type or weight class on the vehicle registration, and the results of special studies to investigate the frequency of such activity; and		
(ii) The number of registration file audits, number of registrations reviewed, and compliance rates found in such audits.		
(3) Computer-matching based enforcement programs shall provide the following additional information:		
(i) The number and percentage of subject vehicles that were tested by the initial deadline, and by other milestones in the cycle;		

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(ii) A report on the program's efforts to detect and enforce against motorists falsely changing vehicle classifications to circumvent program requirements, and the frequency of this type of activity; and		
(iii) The number of enforcement system audits, and the error rate found during those audits.		
(4) Sticker-based enforcement systems shall provide the following additional information:		
(i) A report on the program's efforts to prevent, detect, and enforce against sticker theft and counterfeiting, and the frequency of this type of activity;		
(ii) A report on the program's efforts to detect and enforce against motorists falsely changing vehicle classifications to circumvent program requirements, and the frequency of this type of activity; and		
(iii) The number of parking lot sticker audits conducted, the number of vehicles surveyed in each, and the noncompliance rate found during those audits.		

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(e) Additional reporting requirements. In addition to the annual reports in paragraphs (a) through (d) of this section, programs shall submit to EPA by July of every other year, biennial reports addressing:		
(1) Any changes made in program design, funding, personnel levels, procedures, regulations, and legal authority, with detailed discussion and evaluation of the impact on the program of all such changes; and		
(2) Any weaknesses or problems identified in the program within the two-year reporting period, what steps have already been taken to correct those problems, the results of those steps, and any future efforts planned.		

Appendix B
2011 CT I/M Program Data

Appendix B
2011 CT I/M Program Data

Table of Contents

Table (a) (1).

Number of Vehicles Tested by Model Year and Vehicle Type (Network Testing)
Includes Initial Tests and Retests

Model Year	Passenger Car (P)	Truck (T)	Total
1981	1	1	2
1982	1	0	1
1983	0	0	0
1984	3	2	5
1985	17	9	26
1986	96	53	149
1987	3,256	2,008	5,264
1988	3,676	2,835	6,511
1989	4,632	3,164	7,796
1990	5,698	2,510	8,208
1991	6,869	2,524	9,393
1992	9,466	3,414	12,880
1993	12,160	5,627	17,787
1994	15,174	9,317	24,491
1995	21,838	12,700	34,538
1996	22,965	13,651	36,616
1997	32,811	20,804	53,615
1998	35,651	22,614	58,265
1999	46,691	31,420	78,111
2000	68,986	43,406	112,392
2001	67,191	43,779	110,970
2002	33,555	24,732	58,287
2003	70,507	60,968	131,475
2004	26,738	28,511	55,249
2005	71,700	69,871	141,571
2006	24,628	21,407	46,035
2007	74,282	60,189	134,471
2008	18,803	12,376	31,179
2009	9	4	13
Grand Total	**677,404**	**497,896**	**1,175,300**

Table (a) (1).			
Number of Vehicles Tested by Model Year and Vehicle Type (Fleet Testing)			
Model Year	Passenger Car (P)	Truck (T)	Total
1988	1	0	1
1989	1	0	1
1991	0	2	2
1993	1	1	2
1995	1	4	5
1996	1	1	2
1997	9	15	24
1998	10	9	19
1999	40	33	73
2000	82	73	155
2001	21	80	101
2002	9	48	57
2003	34	29	63
2004	9	19	28
2005	111	82	193
2006	108	86	194
2007	548	345	893
2008	26	99	125
Grand Total	1,012	926	1,938

Table (a) (2)(i). Initial Test Results (Network Testing)						
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail
OBD Gasoline	P	1996	3,377	16,480	19,857	17.0%
		1997	4,941	23,382	28,323	17.4%
		1998	5,198	25,752	30,950	16.8%
		1999	6,354	34,879	41,233	15.4%
		2000	8,500	52,898	61,398	13.8%
		2001	8,651	50,988	59,639	14.5%
		2002	4,595	24,383	28,978	15.9%
		2003	5,517	59,756	65,273	8.5%
		2004	2,336	22,090	24,426	9.6%
		2005	3,394	64,401	67,795	5.0%
		2006	1,522	21,489	23,011	6.6%
		2007	2,136	69,257	71,393	3.0%
		2008	1,267	16,236	17,503	7.2%
		2009	1	7	8	12.5%
	P Total		**57,789**	**481,998**	**539,787**	**10.7%**
	T	1996	1,994	8,445	10,439	19.1%
		1997	3,005	12,871	15,876	18.9%
		1998	3,213	15,207	18,420	17.4%
		1999	3,760	21,559	25,319	14.9%
		2000	4,667	30,998	35,665	13.1%
		2001	5,620	29,053	34,673	16.2%
		2002	3,376	15,900	19,276	17.5%
		2003	4,864	46,513	51,377	9.5%
		2004	2,448	21,415	23,863	10.3%
		2005	3,755	58,112	61,867	6.1%
		2006	1,240	17,173	18,413	6.7%
		2007	1,912	53,076	54,988	3.5%
		2008	864	10,265	11,129	7.8%
		2009	0	4	4	0.0%
	T Total		**40,718**	**340,591**	**381,309**	**10.7%**
OBD Gasoline Total			**98,507**	**822,591**	**921,098**	**10.7%**

Table (a) (2)(i). Initial Test Results (Network Testing)						
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail
OBD Diesel	P	1997	12	68	80	15.0%
		1998	15	110	125	12.0%
		1999	13	144	157	8.3%
		2000	25	247	272	9.2%
		2001	21	187	208	10.1%
		2002	14	130	144	9.7%
		2003	35	301	336	10.4%
		2004	5	82	87	5.7%
		2005	27	458	485	5.6%
		2006	5	120	125	4.0%
		2007	2	45	47	4.3%
		2008	0	5	5	0.0%
		P Total	174	1,897	2,071	8.4%
	T	1997	4	18	22	18.2%
		1998	3	12	15	20.0%
		1999	0	12	12	0.0%
		2000	0	3	3	0.0%
		2001	0	9	9	0.0%
		2002	0	8	8	0.0%
		2003	0	35	35	0.0%
		2004	1	7	8	12.5%
		2005	9	61	70	12.9%
		2006	3	27	30	10.0%
		2007	4	86	90	4.4%
		2008	0	9	9	0.0%
		T Total	24	287	311	7.7%
	OBD Diesel Total		199	2,184	2,383	8.4%
OBD Hybrid	P	2000	4	18	22	18.2%
		2001	12	55	67	17.9%
		2002	1	26	27	3.7%
		2003	19	144	163	11.7%
		2004	5	82	87	5.7%
		2005	13	582	595	2.2%
		2006	8	109	117	6.8%
		2007	15	1,066	1,081	1.4%
		2008	7	162	169	4.1%
		P Total	84	2,244	2,328	3.6%
	T	2005	1	60	61	1.6%
		2006	3	124	127	2.4%
		2007	5	187	192	2.6%
		2008	4	47	51	7.8%
		T Total	13	418	431	3.0%
	OBD Hybrid Total		97	2,663	2,760	3.5%

Table (a) (2)(i). Initial Test Results (Network Testing)						
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail
PCTSI	P	1987	7	17	24	29.2%
		1988	3	33	36	8.3%
		1989	3	36	39	7.7%
		1990	17	116	133	12.8%
		1991	47	262	309	15.2%
		1992	59	424	483	12.2%
		1993	117	827	944	12.4%
		1994	88	742	830	10.6%
		1995	140	1,723	1,863	7.5%
		1996	1	2	3	33.3%
		1997	0	9	9	0.0%
		1998	2	6	8	25.0%
		1999	0	12	12	0.0%
		2000	2	24	26	7.7%
		2001	2	19	21	9.5%
		2002	0	11	11	0.0%
		2003	5	29	34	14.7%
		2004	3	16	19	15.8%
		2005	1	42	43	2.3%
		2006	1	14	15	6.7%
		2007	0	33	33	0.0%
		2008	0	12	12	0.0%
	P Total		498	4,409	4,907	10.1%
	T	1985	0	1	1	0.0%
		1986	2	4	6	33.3%
		1987	64	168	232	27.6%
		1988	70	228	298	23.5%
		1989	88	269	357	24.6%
		1990	46	189	235	19.6%
		1991	33	211	244	13.5%
		1992	49	258	307	16.0%
		1993	81	737	818	9.9%
		1994	155	1,246	1,401	11.1%
		1995	254	1,971	2,225	11.4%
		1996	94	636	730	12.9%
		1997	141	1,084	1,225	11.5%
		1998	78	750	828	9.4%
		1999	105	1,476	1,581	6.6%
		2000	196	2,338	2,534	7.7%
		2001	251	2,534	2,785	9.0%
		2002	154	1,252	1,406	11.0%
		2003	299	3,437	3,736	8.0%
		2004	104	1,441	1,545	6.7%
		2005	93	3,218	3,311	2.8%
		2006	33	1,154	1,187	2.8%
		2007	48	2,417	2,465	1.9%
		2008	5	308	313	1.6%
	T Total		2,443	27,327	29,770	8.2%
PCTSI Total			2,941	31,736	34,677	8.5%

Table (a) (2)(i). Initial Test Results (Network Testing)						
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail
ASM	P	1981	0	1	1	0.0%
		1982	0	0	0	*
		1983	0	0	0	*
		1984	0	3	3	0.0%
		1985	3	11	14	21.4%
		1986	14	63	77	18.2%
		1987	487	2,114	2,601	18.7%
		1988	513	2,514	3,027	16.9%
		1989	607	3,304	3,911	15.5%
		1990	705	4,001	4,706	15.0%
		1991	826	4,677	5,503	15.0%
		1992	1,116	6,404	7,520	14.8%
		1993	1,290	8,343	9,633	13.4%
		1994	1,301	11,477	12,778	10.2%
		1995	1,687	16,309	17,996	9.4%
	P Total		8,549	59,221	67,770	12.6%
	T	1981	0	1	1	0.0%
		1984	0	2	2	0.0%
		1985	3	2	5	60.0%
		1986	7	21	28	25.0%
		1987	269	1,118	1,387	19.4%
		1988	315	1,714	2,029	15.5%
		1989	339	1,893	2,232	15.2%
		1990	262	1,604	1,866	14.0%
		1991	232	1,710	1,942	11.9%
		1992	295	2,338	2,633	11.2%
		1993	445	3,680	4,125	10.8%
		1994	617	6,254	6,871	9.0%
		1995	718	8,369	9,087	7.9%
	T Total		3,502	28,706	32,208	10.9%
ASM Total			12,051	87,927	99,978	12.1%

Table (a) (2)(i). Initial Test Results (Network Testing)						
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail
MSA	P	1987	0	6	6	0.0%
		1989	0	1	1	0.0%
		1990	0	2	2	0.0%
		1991	0	3	3	0.0%
		1992	0	2	2	0.0%
		1993	0	5	5	0.0%
		1994	0	1	1	0.0%
		1995	0	5	5	0.0%
		1996	0	12	12	0.0%
		1997	0	1	1	0.0%
		1999	0	3	3	0.0%
		2001	0	1	1	0.0%
		2002	0	2	2	0.0%
		2003	0	3	3	0.0%
		2004	0	1	1	0.0%
		2005	0	9	9	0.0%
		2007	0	1	1	0.0%
	P Total		0	58	58	0.0%
	T	1987	0	5	5	0.0%
		1988	0	15	15	0.0%
		1989	0	11	11	0.0%
		1990	0	16	16	0.0%
		1991	2	13	15	13.3%
		1992	0	14	14	0.0%
		1993	0	14	14	0.0%
		1994	2	31	33	6.1%
		1995	6	51	57	10.5%
		1996	1	60	61	1.6%
		1997	2	112	114	1.8%
		1998	3	47	50	6.0%
		1999	7	169	176	4.0%
		2000	4	120	124	3.2%
		2001	0	117	117	0.0%
		2002	2	62	64	3.1%
		2003	4	156	160	2.5%
		2004	0	79	79	0.0%
		2005	0	144	144	0.0%
		2006	1	55	56	1.8%
		2007	1	104	105	1.0%
		2008	0	9	9	0.0%
	T Total		35	1,404	1,439	2.4%
MSA Total			35	1,462	1,497	2.3%

Table (a) (2)(i). Initial Test Results (Network Testing)						
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail
LMD	P	1982	0	1	1	0.0%
		1987	8	68	76	10.5%
		1988	0	1	1	0.0%
		1989	1	13	14	7.1%
		1990	1	19	20	5.0%
		1991	4	36	40	10.0%
		1992	1	29	30	3.3%
		1993	0	16	16	0.0%
		1994	0	9	9	0.0%
		1995	0	44	44	0.0%
		1996	1	55	56	1.8%
		1997	0	4	4	0.0%
		1998	0	1	1	0.0%
		1999	0	11	11	0.0%
		2000	0	7	7	0.0%
		2001	0	11	11	0.0%
		2002	0	11	11	0.0%
		2003	0	10	10	0.0%
		2004	0	8	8	0.0%
		2005	0	15	15	0.0%
		2006	0	10	10	0.0%
		2007	0	20	20	0.0%
		2008	0	4	4	0.0%
	P Total		16	403	419	3.8%
	T	1986	0	2	2	0.0%
		1987	2	22	24	8.3%
		1988	2	37	39	5.1%
		1989	0	40	40	0.0%
		1990	1	60	61	1.6%
		1991	1	47	48	2.1%
		1992	0	75	75	0.0%
		1993	0	118	118	0.0%
		1994	4	184	188	2.1%
		1995	4	334	338	1.2%
		1996	2	345	347	0.6%
		1997	5	620	625	0.8%
		1998	1	220	221	0.5%
		1999	4	742	746	0.5%
		2000	4	805	809	0.5%
		2001	1	940	941	0.1%
		2002	5	484	489	1.0%
		2003	14	1,145	1,159	1.2%
		2004	3	520	523	0.6%
		2005	6	1,116	1,122	0.5%
		2006	2	372	374	0.5%
		2007	7	760	767	0.9%
		2008	5	99	104	4.8%
	T Total		73	9,087	9,160	0.8%
LMD Total			89	9,490	9,579	0.9%
Grand Total			113,919	958,053	1,071,972	10.6%

* No cars of this MY were tested, therefore the percentage can not be calculated.

Table (a) (2)(i) Initial Test Results (Fleet Testing)						
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail
OBD	P	1996	0	1	1	0.0%
		1997	1	7	8	12.5%
		1998	0	10	10	0.0%
		1999	2	37	39	5.1%
		2000	1	81	82	1.2%
		2001	2	17	19	10.5%
		2002	0	9	9	0.0%
		2003	2	31	33	6.1%
		2004	1	7	8	12.5%
		2005	2	106	108	1.9%
		2006	1	107	108	0.9%
		2007	6	536	542	1.1%
		2008	1	22	23	4.3%
	P Total		19	971	990	1.9%
	T	1996	1	0	1	100.0%
		1997	1	13	14	7.1%
		1998	0	9	9	0.0%
		1999	0	22	22	0.0%
		2000	2	57	59	3.4%
		2001	2	70	72	2.8%
		2002	3	39	42	7.1%
		2003	0	18	18	0.0%
		2004	0	13	13	0.0%
		2005	5	48	53	9.4%
		2006	4	65	69	5.8%
		2007	6	268	274	2.2%
		2008	2	88	90	2.2%
	T Total		26	710	736	3.5%
OBD Total			45	1,681	1,726	2.6%
PCTSI	P	1988	0	1	1	0.0%
		1989	0	1	1	0.0%
		1993	0	1	1	0.0%
		1995	0	1	1	0.0%
		2005	1	1	2	50.0%
		2007	0	2	2	0.0%
		2008	1	1	2	50.0%
	P Total		2	8	10	20.0%
	T	1991	0	2	2	0.0%
		1993	0	1	1	0.0%
		1995	0	4	4	0.0%
		1999	0	11	11	0.0%
		2000	0	12	12	0.0%
		2001	0	6	6	0.0%
		2002	0	4	4	0.0%
		2003	0	11	11	0.0%
		2004	0	6	6	0.0%
		2005	0	27	27	0.0%
		2006	0	15	15	0.0%
		2007	1	66	67	1.5%
		2008	0	9	9	0.0%
	T Total		1	174	175	0.6%
PCTSI Total			3	182	185	1.6%
Initial test totals (OBD & TSI)			48	1,863	1,911	2.5%

Table (a) (2)(ii, iii). First Retest Results (Network Tests)							
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail	% Pass
OBD Gasoline	P	1996	508	2,109	2,617	19.4%	80.6%
		1997	584	3,275	3,859	15.1%	84.9%
		1998	578	3,493	4,071	14.2%	85.8%
		1999	562	4,265	4,827	11.6%	88.4%
		2000	757	5,863	6,620	11.4%	88.6%
		2001	671	5,991	6,662	10.1%	89.9%
		2002	401	3,621	4,022	10.0%	90.0%
		2003	275	4,135	4,410	6.2%	93.8%
		2004	120	1,889	2,009	6.0%	94.0%
		2005	93	2,567	2,660	3.5%	96.5%
		2006	45	1,263	1,308	3.4%	96.6%
		2007	19	1,655	1,674	1.1%	98.9%
		2008	6	1,091	1,097	0.5%	99.5%
		2009	0	1	1	0.0%	100.0%
	P Total		4,619	41,218	45,837	10.1%	89.9%
	T	1996	315	1,337	1,652	19.1%	80.9%
		1997	383	2,038	2,421	15.8%	84.2%
		1998	405	2,223	2,628	15.4%	84.6%
		1999	386	2,747	3,133	12.3%	87.7%
		2000	395	3,354	3,749	10.5%	89.5%
		2001	435	4,180	4,615	9.4%	90.6%
		2002	279	2,776	3,055	9.1%	90.9%
		2003	237	3,756	3,993	5.9%	94.1%
		2004	154	2,093	2,247	6.9%	93.1%
		2005	140	2,931	3,071	4.6%	95.4%
		2006	34	1,111	1,145	3.0%	97.0%
		2007	29	1,467	1,496	1.9%	98.1%
		2008	7	736	743	0.9%	99.1%
	T Total		3,199	30,749	33,948	9.4%	90.6%
OBD Gasoline Total			7,818	71,967	79,785	9.8%	90.2%
OBD Diesel	P	1997	2	10	12	16.7%	83.3%
		1998	3	12	15	20.0%	80.0%
		1999	1	12	13	7.7%	92.3%
		2000	5	18	23	21.7%	78.3%
		2001	0	16	16	0.0%	100.0%
		2002	1	18	19	5.3%	94.7%
		2003	4	27	31	12.9%	87.1%
		2004	0	4	4	0.0%	100.0%
		2005	0	21	21	0.0%	100.0%
		2006	0	2	2	0.0%	100.0%
		2007	0	2	2	0.0%	100.0%
	P Total		16	142	158	10.1%	89.9%
	T	1997	1	1	2	50.0%	50.0%
		1998	0	2	2	0.0%	100.0%
		2004	0	1	1	0.0%	100.0%
		2005	1	6	7	14.3%	85.7%
		2006	0	2	2	0.0%	100.0%
		2007	0	3	3	0.0%	100.0%
	T Total		2	15	17	11.8%	88.2%
OBD Diesel Total			18	157	175	10.3%	89.7%

Table (a) (2)(ii, iii). First Retest Results (Network Tests)							
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail	% Pass
OBD Hybrid Total (too few tests for vehicle type and model year breakout)			1	67	68	1.5%	98.5%
PCTSI	**P**	1987	1	4	5	20.0%	80.0%
		1988	0	1	1	0.0%	100.0%
		1989	0	4	4	0.0%	100.0%
		1990	5	9	14	35.7%	64.3%
		1991	10	35	45	22.2%	77.8%
		1992	15	39	54	27.8%	72.2%
		1993	13	90	103	12.6%	87.4%
		1994	8	67	75	10.7%	89.3%
		1995	17	101	118	14.4%	85.6%
		1996	1	0	1	100.0%	0.0%
		1998	0	2	2	0.0%	100.0%
		1999	0	1	1	0.0%	100.0%
		2000	0	2	2	0.0%	100.0%
		2001	0	1	1	0.0%	100.0%
		2002	1	0	1	100.0%	0.0%
		2003	0	5	5	0.0%	100.0%
		2004	0	3	3	0.0%	100.0%
		2005	0	1	1	0.0%	100.0%
	P Total		71	365	436	16.3%	83.7%
	T	1986	1	0	1	100.0%	0.0%
		1987	11	41	52	21.2%	78.8%
		1988	13	41	54	24.1%	75.9%
		1989	13	58	71	18.3%	81.7%
		1990	5	36	41	12.2%	87.8%
		1991	8	19	27	29.6%	70.4%
		1992	13	27	40	32.5%	67.5%
		1993	18	58	76	23.7%	76.3%
		1994	30	106	136	22.1%	77.9%
		1995	35	163	198	17.7%	82.3%
		1996	22	62	84	26.2%	73.8%
		1997	23	101	124	18.5%	81.5%
		1998	12	69	81	14.8%	85.2%
		1999	9	83	92	9.8%	90.2%
		2000	11	166	177	6.2%	93.8%
		2001	11	230	241	4.6%	95.4%
		2002	6	136	142	4.2%	95.8%
		2003	7	284	291	2.4%	97.6%
		2004	7	94	101	6.9%	93.1%
		2005	5	84	89	5.6%	94.4%
		2006	6	26	32	18.8%	81.3%
		2007	5	39	44	11.4%	88.6%
		2008	0	4	4	0.0%	100.0%
	T Total		271	1,927	2,198	12.3%	87.7%
PCTSI Total			342	2,292	2,634	13.0%	87.0%

Table (a) (2)(ii, iii). First Retest Results (Network Tests)							
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail	% Pass
ASM	P	1985	1	2	3	33.3%	66.7%
		1986	4	8	12	33.3%	66.7%
		1987	128	233	361	35.5%	64.5%
		1988	129	310	439	29.4%	70.6%
		1989	154	341	495	31.1%	68.9%
		1990	197	375	572	34.4%	65.6%
		1991	221	441	662	33.4%	66.6%
		1992	319	577	896	35.6%	64.4%
		1993	331	680	1,011	32.7%	67.3%
		1994	323	743	1,066	30.3%	69.7%
		1995	349	1,019	1,368	25.5%	74.5%
		1996	0	1	1	0.0%	100.0%
		1998	1	1	2	50.0%	50.0%
		2003	1	0	1	100.0%	0.0%
	P Total		2,158	4,731	6,889	31.3%	68.7%
	T	1985	0	3	3	0.0%	100.0%
		1986	2	5	7	28.6%	71.4%
		1987	68	150	218	31.2%	68.8%
		1988	78	193	271	28.8%	71.2%
		1989	76	225	301	25.2%	74.8%
		1990	39	187	226	17.3%	82.7%
		1991	30	172	202	14.9%	85.1%
		1992	58	206	264	22.0%	78.0%
		1993	49	348	397	12.3%	87.7%
		1994	78	471	549	14.2%	85.8%
		1995	84	530	614	13.7%	86.3%
	T Total		562	2,490	3,052	18.4%	81.6%
ASM Total			2,720	7,221	9,941	27.4%	72.6%
MSA Total (too few tests for vehicle type and model year breakout)			13	16	29	44.8%	55.2%
LMD Diesel Total (too few tests for vehicle type and model year breakout)			9	69	78	11.5%	88.5%
Grand Total			10,921	81,789	92,710	11.8%	88.2%

Table (a) (2)(iv). Second and Later Retest Results (Network Tests)							
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail	% Pass
OBD Gasoline	P	1996	133	278	411	32.4%	67.6%
		1997	173	346	519	33.3%	66.7%
		1998	115	356	471	24.4%	75.6%
		1999	115	314	429	26.8%	73.2%
		2000	146	459	605	24.1%	75.9%
		2001	108	423	531	20.3%	79.7%
		2002	71	257	328	21.6%	78.4%
		2003	49	170	219	22.4%	77.6%
		2004	19	71	90	21.1%	78.9%
		2005	9	57	66	13.6%	86.4%
		2006	2	32	34	5.9%	94.1%
		2007	0	10	10	0.0%	100.0%
		2008	1	6	7	14.3%	85.7%
	P Total		941	2,779	3,720	25.3%	74.7%
	T	1996	91	206	297	30.6%	69.4%
		1997	107	258	365	29.3%	70.7%
		1998	102	251	353	28.9%	71.1%
		1999	87	247	334	26.0%	74.0%
		2000	63	257	320	19.7%	80.3%
		2001	83	301	384	21.6%	78.4%
		2002	45	223	268	16.8%	83.2%
		2003	30	163	193	15.5%	84.5%
		2004	18	114	132	13.6%	86.4%
		2005	20	94	114	17.5%	82.5%
		2006	5	25	30	16.7%	83.3%
		2007	0	23	23	0.0%	100.0%
		2008	0	6	6	0.0%	100.0%
	T Total		651	2,168	2,819	23.1%	76.9%
OBD Gasoline Total			1,592	4,947	6,539	24.3%	75.7%
OBD Diesel Total (too few tests for vehicle type and model year breakout)			2	13	15	13.3%	86.7%
OBD Hybrid Total (too few tests for vehicle type and model year breakout)			0	0	0	*	*

Table (a) (2)(iv). Second and Later Retest Results (Network Tests)							
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail	% Pass
PCTSI	P	1987	4	1	5	80.0%	20.0%
		1990	4	5	9	44.4%	55.6%
		1991	7	5	12	58.3%	41.7%
		1992	16	12	28	57.1%	42.9%
		1993	7	9	16	43.8%	56.3%
		1994	7	8	15	46.7%	53.3%
		1995	4	9	13	30.8%	69.2%
		1996	1	1	2	50.0%	50.0%
	P Total		50	50	100	50.0%	50.0%
	T	1986	2	0	2	100.0%	0.0%
		1987	2	4	6	33.3%	66.7%
		1988	11	17	28	39.3%	60.7%
		1989	22	8	30	73.3%	26.7%
		1990	4	6	10	40.0%	60.0%
		1991	1	3	4	25.0%	75.0%
		1992	5	10	15	33.3%	66.7%
		1993	5	14	19	26.3%	73.7%
		1994	11	25	36	30.6%	69.4%
		1995	26	27	53	49.1%	50.9%
		1996	16	15	31	51.6%	48.4%
		1997	9	17	26	34.6%	65.4%
		1998	4	6	10	40.0%	60.0%
		1999	0	7	7	0.0%	100.0%
		2000	5	9	14	35.7%	64.3%
		2001	1	11	12	8.3%	91.7%
		2002	0	6	6	0.0%	100.0%
		2003	0	8	8	0.0%	100.0%
		2004	1	6	7	14.3%	85.7%
		2005	7	4	11	63.6%	36.4%
		2006	2	5	7	28.6%	71.4%
		2007	0	4	4	0.0%	100.0%
	T Total		134	212	346	38.7%	61.3%
	PCTSI Total		184	262	446	41.3%	58.7%

Table (a) (2)(iv). Second and Later Retest Results (Network Tests)							
Test Type	Vehicle Type	Model Year	# Fail	# Pass	Total	% Fail	% Pass
ASM	P	1986	2	5	7	28.6%	71.4%
		1987	92	75	167	55.1%	44.9%
		1988	77	95	172	44.8%	55.2%
		1989	80	87	167	47.9%	52.1%
		1990	122	118	240	50.8%	49.2%
		1991	141	151	292	48.3%	51.7%
		1992	254	198	452	56.2%	43.8%
		1993	209	223	432	48.4%	51.6%
		1994	189	210	399	47.4%	52.6%
		1995	235	195	430	54.7%	45.3%
		1996	1	2	3	33.3%	66.7%
		1998	1	0	1	100.0%	0.0%
	P Total		1,403	1,359	2,762	50.8%	49.2%
	T	1986	5	2	7	71.4%	28.6%
		1987	44	37	81	54.3%	45.7%
		1988	40	59	99	40.4%	59.6%
		1989	59	63	122	48.4%	51.6%
		1990	25	30	55	45.5%	54.5%
		1991	15	24	39	38.5%	61.5%
		1992	29	37	66	43.9%	56.1%
		1993	21	38	59	35.6%	64.4%
		1994	38	57	95	40.0%	60.0%
		1995	56	66	122	45.9%	54.1%
		1996	2	2	4	50.0%	50.0%
		1999	1	2	3	33.3%	66.7%
	T Total		335	417	752	44.5%	55.5%
ASM Total			1,738	1,776	3,514	49.5%	50.5%
MSA Total (too few tests for vehicle type and model year breakout)			9	7	16	56.3%	43.8%
LMD Diesel Total (too few tests for vehicle type and model year breakout)			5	5	10	50.0%	50.0%
Grand Total			3,530	7,010	10,540	33.5%	66.5%

* No cars of this group received 2nd or later retests, therefore, the percentage can not be calculated.

Table (a)(2)(v) Waivers Issued			
Model Year	Passenger Car (P)	Truck (T)	Grand Total
1987	6	0	6
1988	1	2	3
1989	2	0	2
1990	1	1	2
1991	3	0	3
1992	6	0	6
1993	4	1	5
1994	1	0	1
1995	5	1	6
1996	19	4	23
1997	28	7	35
1998	21	10	31
1999	25	9	34
2000	38	11	49
2001	42	19	61
2002	18	5	23
2003	14	11	25
2004	4	8	12
2005	3	5	8
2006	2	1	3
2007	0	1	1
Total	243	96	339

Vehicle Type	Model Year	# of Initial Tests	Fail Initial Test	Pass 1st Retest	Pass 2nd+ Retest	Total # that Pass After Fail	# That do not Pass	% No Final Pass	% No Final Pass as % of Fails
				Table (a) (2)(vi). Vehicles with No Final Pass					
P	1981	1	0	0	0	0	0	0.0%	*
	1982	1	0	0	0	0	0	0.0%	*
	1983	3	0	0	0	0	0	0.0%	*
	1985	14	3	2	0	2	1	7.1%	33.3%
	1986	77	14	8	5	13	1	1.3%	7.1%
	1987	2,707	502	240	78	318	184	6.8%	36.7%
	1988	3,064	516	311	95	406	110	3.6%	21.3%
	1989	3,965	611	346	87	433	178	4.5%	29.1%
	1990	4,861	723	386	123	509	214	4.4%	29.6%
	1991	5,855	877	477	157	634	243	4.2%	27.7%
	1992	8,035	1,176	617	210	827	349	4.3%	29.7%
	1993	10,598	1,407	770	232	1,002	405	3.8%	28.8%
	1994	13,619	1,389	810	218	1,028	361	2.7%	26.0%
	1995	19,909	1,827	1,120	204	1,324	503	2.5%	27.5%
	1996	19,929	3,380	2,111	281	2,392	988	5.0%	29.2%
	1997	28,418	4,953	3,285	348	3,633	1,320	4.6%	26.7%
	1998	31,086	5,215	3,508	359	3,867	1,348	4.3%	25.8%
	1999	41,418	6,368	4,278	316	4,594	1,774	4.3%	27.9%
	2000	61,728	8,531	5,886	463	6,349	2,182	3.5%	25.6%
	2001	59,972	8,689	6,017	423	6,440	2,249	3.8%	25.9%
	2002	29,184	4,612	3,640	257	3,897	715	2.4%	15.5%
	2003	65,824	5,577	4,182	172	4,354	1,223	1.9%	21.9%
	2004	24,628	2,349	1,899	71	1,970	379	1.5%	16.1%
	2005	68,944	3,435	2,597	57	2,654	781	1.1%	22.7%
	2006	23,278	1,536	1,271	32	1,303	233	1.0%	15.2%
	2007	72,583	2,153	1,670	10	1,680	473	0.7%	22.0%
	2008	17,694	1,274	1,096	6	1,102	172	1.0%	13.5%
	2009	8	1	1	0	1	0	0.0%	0.0%
P Total		**617,403**	**67,118**	**46,528**	**4,204**	**50,732**	**16,386**	**2.7%**	**24.4%**

Table (a) (2)(vi). Vehicles with No Final Pass								
Vehicle Type	Model Year	# of Initial Tests	Fail Initial Test	Pass 1st Retest	Pass 2nd+ Retest	Total # that Pass After Fail	# That do not Pass	% No Final Pass	% No Final Pass as % of Fails
T	1981	1	0	0	0	0	0	0.0%	*
	1984	2	0	0	0	0	0	0.0%	*
	1985	6	3	3	0	3	0	0.0%	0.0%
	1986	36	9	5	2	7	2	5.6%	22.2%
	1987	1,648	335	193	42	235	100	6.1%	29.9%
	1988	2,381	387	236	76	312	75	3.1%	19.4%
	1989	2,640	427	283	71	354	73	2.8%	17.1%
	1990	2,178	309	223	36	259	50	2.3%	16.2%
	1991	2,249	268	192	28	220	48	2.1%	17.9%
	1992	3,029	344	233	47	280	64	2.1%	18.6%
	1993	5,075	526	406	52	458	68	1.3%	12.9%
	1994	8,493	778	580	82	662	116	1.4%	14.9%
	1995	11,707	982	696	94	790	192	1.6%	19.6%
	1996	11,578	2,092	1,402	225	1,627	465	4.0%	22.2%
	1997	17,862	3,157	2,143	276	2,419	738	4.1%	23.4%
	1998	19,534	3,298	2,297	258	2,555	743	3.8%	22.5%
	1999	27,836	3,876	2,837	256	3,093	783	2.8%	20.2%
	2000	39,139	4,872	3,527	266	3,793	1,079	2.8%	22.1%
	2001	38,525	5,872	4,412	312	4,724	1,148	3.0%	19.6%
	2002	21,243	3,537	2,920	232	3,152	385	1.8%	10.9%
	2003	56,468	5,181	4,053	171	4,224	957	1.7%	18.5%
	2004	26,018	2,556	2,193	120	2,313	243	0.9%	9.5%
	2005	66,575	3,864	3,023	98	3,121	743	1.1%	19.2%
	2006	20,187	1,282	1,143	30	1,173	109	0.5%	8.5%
	2007	58,608	1,977	1,520	27	1,547	430	0.7%	21.8%
	2008	11,616	878	747	6	753	125	1.1%	14.2%
	2009	4	0	0	0	0	0	0.0%	*
T Total		454,638	46,810	35,267	2,807	38,074	8,736	1.9%	18.7%
Grand Total		1,072,041	113,928	81,795	7,011	88,806	25,122	2.3%	22.1%

* No cars of this MY failed, therefore the percentage can not be calculated.

Table (a) (2)(xi, xii). Passing and Failing OBD Tests (Network Tests)					
Vehicle Type	Model Year	Fail OBD	Pass OBD	Grand Total	% Fail
P	1996	4,019	18,867	22,886	17.6%
	1997	5,713	27,084	32,797	17.4%
	1998	5,909	29,728	35,637	16.6%
	1999	7,047	39,617	46,664	15.1%
	2000	9,437	59,514	68,951	13.7%
	2001	9,466	57,691	67,157	14.1%
	2002	5,085	28,445	33,530	15.2%
	2003	5,900	64,554	70,454	8.4%
	2004	2,486	24,221	26,707	9.3%
	2005	3,536	68,096	71,632	4.9%
	2006	1,582	23,021	24,603	6.4%
	2007	2,172	72,056	74,228	2.9%
	2008	1,281	17,506	18,787	6.8%
	2009	1	8	9	11.1%
P Total		63,634	530,408	594,042	10.7%
T	1996	2,401	9,989	12,390	19.4%
	1997	3,500	15,187	18,687	18.7%
	1998	3,723	17,695	21,418	17.4%
	1999	4,233	24,567	28,800	14.7%
	2000	5,126	34,615	39,741	12.9%
	2001	6,138	33,543	39,681	15.5%
	2002	3,700	18,907	22,607	16.4%
	2003	5,131	50,468	55,599	9.2%
	2004	2,621	23,630	26,251	10.0%
	2005	3,927	61,264	65,191	6.0%
	2006	1,285	18,463	19,748	6.5%
	2007	1,950	54,847	56,797	3.4%
	2008	875	11,066	11,941	7.3%
	2009	0	4	4	0.0%
T Total		44,610	374,245	418,855	10.7%
Grand Total		108,244	904,653	1,012,897	10.7%

Table (a) (2) (xix, xxi, xxii). # and % Fail for MIL Commanded On (Network Tests): All Fuels

Vehicle Type	Model Year	MIL Commanded-On With Codes	MIL Commanded-On Without Codes	MIL Not Commanded-On	No Communication	Total
		MIL Command On Result (#)				
P	1996	2,876	29	19,700	281	22,886
	1997	3,794	16	28,664	323	32,797
	1998	3,946	27	31,387	277	35,637
	1999	4,534	59	41,712	359	46,664
	2000	6,299	48	61,921	683	68,951
	2001	5,515	47	61,188	407	67,157
	2002	2,943	38	30,371	178	33,530
	2003	3,395	57	66,744	258	70,454
	2004	1,293	36	25,245	133	26,707
	2005	1,843	32	69,540	217	71,632
	2006	723	28	23,708	144	24,603
	2007	819	42	73,123	244	74,228
	2008	68	38	18,625	56	18,787
	2009	0	0	9	0	9
P Total		**38,048**	**497**	**551,937**	**3,560**	**594,042**
T	1996	1,626	19	10,642	103	12,390
	1997	2,207	18	16,324	138	18,687
	1998	2,325	20	18,888	185	21,418
	1999	2,485	52	25,863	400	28,800
	2000	2,979	33	36,152	577	39,741
	2001	3,433	32	35,765	451	39,681
	2002	2,084	18	20,241	264	22,607
	2003	3,138	62	51,837	562	55,599
	2004	1,258	39	24,567	387	26,251
	2005	1,916	38	62,684	553	65,191
	2006	551	15	19,021	161	19,748
	2007	699	31	55,832	235	56,797
	2008	63	11	11,820	47	11,941
	2009	0	0	4	0	4
T Total		**24,764**	**388**	**389,640**	**4,063**	**418,855**
Grand Total		**62,812**	**885**	**941,577**	**7,623**	**1,012,897**

Vehicle Type	Model Year	MIL Command On Result (%)			
		MIL Commanded-On With Codes	MIL Commanded-On Without Codes	MIL Not Commanded-On	No Communication
P	1996	12.57%	0.13%	86.08%	1.23%
	1997	11.57%	0.05%	87.40%	0.98%
	1998	11.07%	0.08%	88.07%	0.78%
	1999	9.72%	0.13%	89.39%	0.77%
	2000	9.14%	0.07%	89.80%	0.99%
	2001	8.21%	0.07%	91.11%	0.61%
	2002	8.78%	0.11%	90.58%	0.53%
	2003	4.82%	0.08%	94.73%	0.37%
	2004	4.84%	0.13%	94.53%	0.50%
	2005	2.57%	0.04%	97.08%	0.30%
	2006	2.94%	0.11%	96.36%	0.59%
	2007	1.10%	0.06%	98.51%	0.33%
	2008	0.36%	0.20%	99.14%	0.30%
	2009	0.00%	0.00%	100.00%	0.00%
P Total		**6.40%**	**0.08%**	**92.91%**	**0.60%**
T	1996	13.12%	0.15%	85.89%	0.83%
	1997	11.81%	0.10%	87.35%	0.74%
	1998	10.86%	0.09%	88.19%	0.86%
	1999	8.63%	0.18%	89.80%	1.39%
	2000	7.50%	0.08%	90.97%	1.45%
	2001	8.65%	0.08%	90.13%	1.14%
	2002	9.22%	0.08%	89.53%	1.17%
	2003	5.64%	0.11%	93.23%	1.01%
	2004	4.79%	0.15%	93.59%	1.47%
	2005	2.94%	0.06%	96.15%	0.85%
	2006	2.79%	0.08%	96.32%	0.82%
	2007	1.23%	0.05%	98.30%	0.41%
	2008	0.53%	0.09%	98.99%	0.39%
	2009	0.00%	0.00%	100.00%	0.00%
T Total		**5.91%**	**0.09%**	**93.03%**	**0.97%**
Grand Total		**6.20%**	**0.09%**	**92.96%**	**0.75%**

Table (a) (2) (xix, xxi, xxii). # and % Fail for MIL Commanded On

Table (a) (2)(xxiii). # and % Not Ready (Network Tests): All Fuels						
Vehicle Type	Model Year	Fail Readiness	Exempted from Readiness	Pass Readiness	Total	% Fail Readiness
P	1996	1,037	5,390	16,178	22,886	4.5%
	1997	2,175	2,051	28,248	32,797	6.6%
	1998	2,152	2,426	30,782	35,637	6.0%
	1999	2,732	538	43,035	46,664	5.9%
	2000	3,214	1,139	63,915	68,951	4.7%
	2001	4,351	1,024	61,375	67,157	6.5%
	2002	2,458	5	30,889	33,530	7.3%
	2003	2,635	2,992	64,569	70,454	3.7%
	2004	1,286	0	25,288	26,707	4.8%
	2005	1,660	1	69,754	71,632	2.3%
	2006	794	0	23,665	24,603	3.2%
	2007	1,173	0	72,811	74,228	1.6%
	2008	1,165	0	17,566	18,787	1.6%
	2009	1	0	8	9	11.1%
P Total		26,833	15,566	548,083	594,042	**4.5%**
T	1996	815	1,151	10,321	12,390	6.6%
	1997	1,368	811	16,370	18,687	7.3%
	1998	1,420	588	19,225	21,418	6.6%
	1999	1,660	434	26,306	28,800	5.8%
	2000	1,882	35	37,247	39,741	4.7%
	2001	2,844	2,859	33,527	39,681	7.2%
	2002	1,704	248	20,391	22,607	7.5%
	2003	1,731	6,604	46,702	55,599	3.1%
	2004	1,156	65	24,643	26,251	4.4%
	2005	1,716	322	62,600	65,191	2.6%
	2006	674	48	18,865	19,748	3.4%
	2007	1,088	106	55,368	56,797	1.9%
	2008	776	0	11,118	11,941	6.5%
	2009	0	0	4	4	0.0%
T Total		18,834	13,271	382,687	418,855	**4.5%**
Grand Total		45,667	28,837	930,770	1,012,897	**4.5%**

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0000014	1987	2	3	5	40.0%
	1988	3	5	8	37.5%
	1989	1	5	6	16.7%
	1990	1	2	3	33.3%
	1991	2	5	7	28.6%
	1992	1	6	7	14.3%
	1993	1	15	16	6.3%
	1994	2	24	26	7.7%
	1995	4	21	25	16.0%
	1996	3	15	18	16.7%
	1997	8	39	47	17.0%
	1998	4	33	37	10.8%
	1999	2	47	49	4.1%
	2000	7	78	85	8.2%
	2001	10	69	79	12.7%
	2002	4	41	45	8.9%
	2003	5	97	102	4.9%
	2004	3	45	48	6.3%
	2005	5	117	122	4.1%
	2006	2	43	45	4.4%
	2007	5	159	164	3.0%
	2008	1	23	24	4.2%
ST0000014 Total		76	892	968	7.9%
ST0000020	1987	5	19	24	20.8%
	1988	9	27	36	25.0%
	1989	12	31	43	27.9%
	1990	6	26	32	18.8%
	1991	20	44	64	31.3%
	1992	12	44	56	21.4%
	1993	22	81	103	21.4%
	1994	27	122	149	18.1%
	1995	37	188	225	16.4%
	1996	45	159	204	22.1%
	1997	44	235	279	15.8%
	1998	49	279	328	14.9%
	1999	73	357	430	17.0%
	2000	87	521	608	14.3%
	2001	94	519	613	15.3%
	2002	63	329	392	16.1%
	2003	59	679	738	8.0%
	2004	38	360	398	9.5%
	2005	47	797	844	5.6%
	2006	28	362	390	7.2%
	2007	39	799	838	4.7%
	2008	7	308	315	2.2%
ST0000020 Total		823	6,286	7,109	11.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0000023	1986	1	2	3	33.3%
	1987	2	18	20	10.0%
	1988	7	32	39	17.9%
	1989	4	33	37	10.8%
	1990	7	37	44	15.9%
	1991	10	58	68	14.7%
	1992	16	59	75	21.3%
	1993	18	87	105	17.1%
	1994	10	123	133	7.5%
	1995	23	189	212	10.8%
	1996	42	174	216	19.4%
	1997	57	261	318	17.9%
	1998	60	277	337	17.8%
	1999	66	353	419	15.8%
	2000	95	509	604	15.7%
	2001	81	522	603	13.4%
	2002	44	237	281	15.7%
	2003	58	656	714	8.1%
	2004	31	249	280	11.1%
	2005	48	738	786	6.1%
	2006	21	198	219	9.6%
	2007	22	618	640	3.4%
	2008	7	82	89	7.9%
ST0000023 Total		730	5,512	6,242	11.7%
ST0000034	1986	0	1	1	0.0%
	1987	4	12	16	25.0%
	1988	6	23	29	20.7%
	1989	3	21	24	12.5%
	1990	2	32	34	5.9%
	1991	8	35	43	18.6%
	1992	6	37	43	14.0%
	1993	9	60	69	13.0%
	1994	10	71	81	12.3%
	1995	8	101	109	7.3%
	1996	15	93	108	13.9%
	1997	22	136	158	13.9%
	1998	20	161	181	11.0%
	1999	31	226	257	12.1%
	2000	30	360	390	7.7%
	2001	44	366	410	10.7%
	2002	35	182	217	16.1%
	2003	46	554	600	7.7%
	2004	18	198	216	8.3%
	2005	38	605	643	5.9%
	2006	12	200	212	5.7%
	2007	23	626	649	3.5%
	2008	8	116	124	6.5%
ST0000034 Total		398	4,216	4,614	8.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000036	1987	3	8	11	27.3%
	1988	1	1	2	50.0%
	1989	1	6	7	14.3%
	1990	0	4	4	0.0%
	1991	1	4	5	20.0%
	1992	0	14	14	0.0%
	1993	0	12	12	0.0%
	1994	3	12	15	20.0%
	1995	2	26	28	7.1%
	1996	6	23	29	20.7%
	1997	8	38	46	17.4%
	1998	4	44	48	8.3%
	1999	14	81	95	14.7%
	2000	10	116	126	7.9%
	2001	6	60	66	9.1%
	2002	5	60	65	7.7%
	2003	8	155	163	4.9%
	2004	8	71	79	10.1%
	2005	10	229	239	4.2%
	2006	12	98	110	10.9%
	2007	27	268	295	9.2%
	2008	15	135	150	10.0%
ST0000036 Total		144	1,465	1,609	8.9%
ST0000065	1987	0	4	4	0.0%
	1988	1	5	6	16.7%
	1989	1	4	5	20.0%
	1990	0	12	12	0.0%
	1991	1	6	7	14.3%
	1992	5	12	17	29.4%
	1993	3	17	20	15.0%
	1994	1	26	27	3.7%
	1995	6	33	39	15.4%
	1996	1	31	32	3.1%
	1997	6	53	59	10.2%
	1998	10	59	69	14.5%
	1999	9	87	96	9.4%
	2000	27	133	160	16.9%
	2001	17	188	205	8.3%
	2002	14	68	82	17.1%
	2003	21	211	232	9.1%
	2004	9	75	84	10.7%
	2005	21	274	295	7.1%
	2006	4	88	92	4.3%
	2007	15	316	331	4.5%
	2008	26	189	215	12.1%
ST0000065 Total		198	1,891	2,089	9.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0000107	1987	5	25	30	16.7%
	1988	6	27	33	18.2%
	1989	8	24	32	25.0%
	1990	2	28	30	6.7%
	1991	8	23	31	25.8%
	1992	14	54	68	20.6%
	1993	6	76	82	7.3%
	1994	15	91	106	14.2%
	1995	22	141	163	13.5%
	1996	23	120	143	16.1%
	1997	34	221	255	13.3%
	1998	37	253	290	12.8%
	1999	46	323	369	12.5%
	2000	73	433	506	14.4%
	2001	94	459	553	17.0%
	2002	36	242	278	12.9%
	2003	61	587	648	9.4%
	2004	27	239	266	10.2%
	2005	32	747	779	4.1%
	2006	8	216	224	3.6%
	2007	20	620	640	3.1%
	2008	9	208	217	4.1%
ST0000107 Total		586	5,157	5,743	10.2%
ST0000112	1987	11	21	32	34.4%
	1988	10	33	43	23.3%
	1989	9	33	42	21.4%
	1990	9	35	44	20.5%
	1991	7	47	54	13.0%
	1992	9	44	53	17.0%
	1993	9	72	81	11.1%
	1994	9	85	94	9.6%
	1995	10	129	139	7.2%
	1996	11	98	109	10.1%
	1997	21	179	200	10.5%
	1998	39	194	233	16.7%
	1999	31	273	304	10.2%
	2000	37	420	457	8.1%
	2001	51	435	486	10.5%
	2002	34	190	224	15.2%
	2003	42	488	530	7.9%
	2004	19	199	218	8.7%
	2005	27	514	541	5.0%
	2006	10	163	173	5.8%
	2007	14	506	520	2.7%
	2008	3	86	89	3.4%
ST0000112 Total		422	4,244	4,666	9.0%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000120	1986	0	1	1	0.0%
	1987	2	10	12	16.7%
	1988	4	19	23	17.4%
	1989	10	22	32	31.3%
	1990	4	29	33	12.1%
	1991	9	25	34	26.5%
	1992	6	43	49	12.2%
	1993	9	71	80	11.3%
	1994	12	84	96	12.5%
	1995	16	120	136	11.8%
	1996	18	131	149	12.1%
	1997	43	183	226	19.0%
	1998	32	178	210	15.2%
	1999	44	239	283	15.5%
	2000	70	376	446	15.7%
	2001	59	406	465	12.7%
	2002	54	269	323	16.7%
	2003	31	503	534	5.8%
	2004	23	270	293	7.8%
	2005	30	495	525	5.7%
	2006	13	187	200	6.5%
	2007	34	522	556	6.1%
	2008	36	375	411	8.8%
ST0000120 Total		559	4,558	5,117	10.9%
ST0000125	1987	6	14	20	30.0%
	1988	7	23	30	23.3%
	1989	4	26	30	13.3%
	1990	4	15	19	21.1%
	1991	4	22	26	15.4%
	1992	9	22	31	29.0%
	1993	4	32	36	11.1%
	1994	5	44	49	10.2%
	1995	7	70	77	9.1%
	1996	9	68	77	11.7%
	1997	7	73	80	8.8%
	1998	21	109	130	16.2%
	1999	22	151	173	12.7%
	2000	19	229	248	7.7%
	2001	24	207	231	10.4%
	2002	11	105	116	9.5%
	2003	27	291	318	8.5%
	2004	9	93	102	8.8%
	2005	16	368	384	4.2%
	2006	5	105	110	4.5%
	2007	9	295	304	3.0%
	2008	1	51	52	1.9%
ST0000125 Total		230	2,413	2,643	8.7%

| **Table (a) (3 & 4). # of Tests by Station, % Fail By Station** |
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000129	1986	0	1	1	0.0%
	1987	8	26	34	23.5%
	1988	2	42	44	4.5%
	1989	14	52	66	21.2%
	1990	16	51	67	23.9%
	1991	9	59	68	13.2%
	1992	9	64	73	12.3%
	1993	19	122	141	13.5%
	1994	9	119	128	7.0%
	1995	15	220	235	6.4%
	1996	29	193	222	13.1%
	1997	63	323	386	16.3%
	1998	77	364	441	17.5%
	1999	82	461	543	15.1%
	2000	101	762	863	11.7%
	2001	124	789	913	13.6%
	2002	60	389	449	13.4%
	2003	97	1,006	1,103	8.8%
	2004	38	375	413	9.2%
	2005	63	1,132	1,195	5.3%
	2006	30	339	369	8.1%
	2007	28	1,023	1,051	2.7%
	2008	10	102	112	8.9%
ST0000129 Total		903	8,014	8,917	10.1%
ST0000132	1987	2	10	12	16.7%
	1988	1	9	10	10.0%
	1989	0	11	11	0.0%
	1990	0	9	9	0.0%
	1991	3	21	24	12.5%
	1992	3	25	28	10.7%
	1993	6	17	23	26.1%
	1994	3	34	37	8.1%
	1995	11	43	54	20.4%
	1996	6	57	63	9.5%
	1997	8	71	79	10.1%
	1998	8	91	99	8.1%
	1999	15	138	153	9.8%
	2000	26	206	232	11.2%
	2001	28	280	308	9.1%
	2002	8	93	101	7.9%
	2003	18	349	367	4.9%
	2004	6	117	123	4.9%
	2005	13	447	460	2.8%
	2006	4	140	144	2.8%
	2007	9	537	546	1.6%
	2008	7	87	94	7.4%
ST0000132 Total		185	2,792	2,977	6.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000171	1986	0	1	1	0.0%
	1987	6	18	24	25.0%
	1988	3	20	23	13.0%
	1989	1	21	22	4.5%
	1990	1	19	20	5.0%
	1991	3	22	25	12.0%
	1992	6	35	41	14.6%
	1993	6	48	54	11.1%
	1994	5	64	69	7.2%
	1995	10	103	113	8.8%
	1996	7	107	114	6.1%
	1997	15	130	145	10.3%
	1998	18	190	208	8.7%
	1999	22	261	283	7.8%
	2000	37	437	474	7.8%
	2001	62	478	540	11.5%
	2002	21	193	214	9.8%
	2003	37	668	705	5.2%
	2004	12	220	232	5.2%
	2005	24	743	767	3.1%
	2006	11	226	237	4.6%
	2007	34	835	869	3.9%
	2008	6	150	156	3.8%
ST0000171 Total		347	4,989	5,336	6.5%
ST0000193	1987	7	32	39	17.9%
	1988	4	31	35	11.4%
	1989	2	38	40	5.0%
	1990	10	37	47	21.3%
	1991	9	61	70	12.9%
	1992	7	56	63	11.1%
	1993	22	91	113	19.5%
	1994	22	154	176	12.5%
	1995	18	195	213	8.5%
	1996	20	168	188	10.6%
	1997	58	257	315	18.4%
	1998	64	267	331	19.3%
	1999	65	373	438	14.8%
	2000	74	617	691	10.7%
	2001	89	643	732	12.2%
	2002	49	261	310	15.8%
	2003	69	869	938	7.4%
	2004	28	334	362	7.7%
	2005	56	1,022	1,078	5.2%
	2006	25	363	388	6.4%
	2007	44	1,181	1,225	3.6%
	2008	32	328	360	8.9%
ST0000193 Total		774	7,378	8,152	9.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000229	1988	0	2	2	0.0%
	1989	1	5	6	16.7%
	1990	0	1	1	0.0%
	1992	1	6	7	14.3%
	1993	0	11	11	0.0%
	1994	2	14	16	12.5%
	1995	1	18	19	5.3%
	1996	1	19	20	5.0%
	1997	4	42	46	8.7%
	1998	2	38	40	5.0%
	1999	9	51	60	15.0%
	2000	12	94	106	11.3%
	2001	13	89	102	12.7%
	2002	4	34	38	10.5%
	2003	7	148	155	4.5%
	2004	4	51	55	7.3%
	2005	3	188	191	1.6%
	2006	4	69	73	5.5%
	2007	15	295	310	4.8%
	2008	8	90	98	8.2%
ST0000229 Total		91	1,265	1,356	6.7%
ST0000315	1987	2	4	6	33.3%
	1988	2	3	5	40.0%
	1989	2	6	8	25.0%
	1990	1	14	15	6.7%
	1991	2	6	8	25.0%
	1992	5	15	20	25.0%
	1993	1	18	19	5.3%
	1994	4	28	32	12.5%
	1995	5	49	54	9.3%
	1996	17	31	48	35.4%
	1997	11	56	67	16.4%
	1998	14	57	71	19.7%
	1999	16	81	97	16.5%
	2000	14	69	83	16.9%
	2001	8	26	34	23.5%
	2002	9	29	38	23.7%
	2003	14	79	93	15.1%
	2004	9	39	48	18.8%
	2005	11	88	99	11.1%
	2006	2	24	26	7.7%
	2007	1	44	45	2.2%
	2008	0	5	5	0.0%
ST0000315 Total		150	771	921	16.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0000326	1987	10	18	28	35.7%
	1988	12	28	40	30.0%
	1989	6	42	48	12.5%
	1990	2	37	39	5.1%
	1991	3	35	38	7.9%
	1992	24	67	91	26.4%
	1993	17	89	106	16.0%
	1994	21	136	157	13.4%
	1995	26	192	218	11.9%
	1996	37	198	235	15.7%
	1997	64	305	369	17.3%
	1998	82	316	398	20.6%
	1999	75	465	540	13.9%
	2000	115	658	773	14.9%
	2001	101	644	745	13.6%
	2002	60	311	371	16.2%
	2003	60	834	894	6.7%
	2004	34	302	336	10.1%
	2005	38	902	940	4.0%
	2006	20	276	296	6.8%
	2007	18	733	751	2.4%
	2008	4	98	102	3.9%
ST0000326 Total		829	6,686	7,515	11.0%
ST0000328	1986	0	2	2	0.0%
	1987	4	19	23	17.4%
	1988	7	34	41	17.1%
	1989	8	52	60	13.3%
	1990	12	38	50	24.0%
	1991	8	43	51	15.7%
	1992	20	69	89	22.5%
	1993	23	81	104	22.1%
	1994	13	126	139	9.4%
	1995	21	203	224	9.4%
	1996	37	168	205	18.0%
	1997	50	256	306	16.3%
	1998	57	291	348	16.4%
	1999	54	423	477	11.3%
	2000	92	573	665	13.8%
	2001	95	558	653	14.5%
	2002	61	243	304	20.1%
	2003	60	655	715	8.4%
	2004	34	253	287	11.8%
	2005	44	652	696	6.3%
	2006	19	198	217	8.8%
	2007	25	590	615	4.1%
	2008	6	73	79	7.6%
ST0000328 Total		750	5,600	6,350	11.8%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000329	1987	3	5	8	37.5%
	1988	0	12	12	0.0%
	1989	1	18	19	5.3%
	1990	6	18	24	25.0%
	1991	1	14	15	6.7%
	1992	2	20	22	9.1%
	1993	5	38	43	11.6%
	1994	6	39	45	13.3%
	1995	3	70	73	4.1%
	1996	20	88	108	18.5%
	1997	32	125	157	20.4%
	1998	32	152	184	17.4%
	1999	38	205	243	15.6%
	2000	52	342	394	13.2%
	2001	65	322	387	16.8%
	2002	37	188	225	16.4%
	2003	41	378	419	9.8%
	2004	20	210	230	8.7%
	2005	29	527	556	5.2%
	2006	12	167	179	6.7%
	2007	12	516	528	2.3%
	2008	1	57	58	1.7%
ST0000329 Total		418	3,511	3,929	10.6%
ST0000359	1987	11	16	27	40.7%
	1988	2	14	16	12.5%
	1989	13	23	36	36.1%
	1990	6	38	44	13.6%
	1991	8	27	35	22.9%
	1992	11	44	55	20.0%
	1993	6	69	75	8.0%
	1994	16	69	85	18.8%
	1995	8	130	138	5.8%
	1996	15	117	132	11.4%
	1997	19	158	177	10.7%
	1998	28	161	189	14.8%
	1999	33	230	263	12.5%
	2000	29	353	382	7.6%
	2001	47	391	438	10.7%
	2002	15	201	216	6.9%
	2003	26	436	462	5.6%
	2004	10	182	192	5.2%
	2005	18	560	578	3.1%
	2006	9	154	163	5.5%
	2007	13	500	513	2.5%
	2008	8	104	112	7.1%
ST0000359 Total		351	3,977	4,328	8.1%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000373	1987	2	1	3	66.7%
	1988	0	3	3	0.0%
	1989	0	1	1	0.0%
	1991	0	3	3	0.0%
	1992	2	1	3	66.7%
	1993	2	11	13	15.4%
	1994	2	6	8	25.0%
	1995	1	19	20	5.0%
	1996	5	27	32	15.6%
	1997	7	44	51	13.7%
	1998	3	52	55	5.5%
	1999	12	91	103	11.7%
	2000	20	116	136	14.7%
	2001	9	144	153	5.9%
	2002	13	59	72	18.1%
	2003	15	162	177	8.5%
	2004	6	70	76	7.9%
	2005	7	208	215	3.3%
	2006	2	60	62	3.2%
	2007	2	237	239	0.8%
	2008	0	18	18	0.0%
ST0000373 Total		110	1,333	1,443	7.6%
ST0000375	1987	0	1	1	0.0%
	1988	0	1	1	0.0%
	1989	1	6	7	14.3%
	1990	0	1	1	0.0%
	1991	0	5	5	0.0%
	1992	1	4	5	20.0%
	1993	2	7	9	22.2%
	1994	4	8	12	33.3%
	1995	0	18	18	0.0%
	1996	4	15	19	21.1%
	1997	3	23	26	11.5%
	1998	5	24	29	17.2%
	1999	7	44	51	13.7%
	2000	10	70	80	12.5%
	2001	10	68	78	12.8%
	2002	3	45	48	6.3%
	2003	4	94	98	4.1%
	2004	3	45	48	6.3%
	2005	7	134	141	5.0%
	2006	2	37	39	5.1%
	2007	7	165	172	4.1%
	2008	0	15	15	0.0%
ST0000375 Total		73	830	903	8.1%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
	1986	0	1	1	0.0%
	1987	13	34	47	27.7%
	1988	9	57	66	13.6%
	1989	12	77	89	13.5%
	1990	18	79	97	18.6%
	1991	15	78	93	16.1%
	1992	26	109	135	19.3%
	1993	22	182	204	10.8%
	1994	26	211	237	11.0%
	1995	43	384	427	10.1%
	1996	51	326	377	13.5%
ST0000386	1997	93	503	596	15.6%
	1998	96	563	659	14.6%
	1999	114	769	883	12.9%
	2000	127	1,137	1,264	10.0%
	2001	169	1,074	1,243	13.6%
	2002	98	466	564	17.4%
	2003	133	1,438	1,571	8.5%
	2004	45	439	484	9.3%
	2005	69	1,599	1,668	4.1%
	2006	30	409	439	6.8%
	2007	40	1,432	1,472	2.7%
	2008	20	265	285	7.0%
ST0000386 Total		1,269	11,632	12,901	9.8%
	1984	0	1	1	0.0%
	1986	0	1	1	0.0%
	1987	16	33	49	32.7%
	1988	12	40	52	23.1%
	1989	2	37	39	5.1%
	1990	7	54	61	11.5%
	1991	5	46	51	9.8%
	1992	6	53	59	10.2%
	1993	12	101	113	10.6%
	1994	12	111	123	9.8%
	1995	13	168	181	7.2%
ST0000412	1996	30	164	194	15.5%
	1997	42	236	278	15.1%
	1998	50	231	281	17.8%
	1999	55	302	357	15.4%
	2000	61	409	470	13.0%
	2001	69	465	534	12.9%
	2002	31	201	232	13.4%
	2003	42	472	514	8.2%
	2004	17	214	231	7.4%
	2005	30	583	613	4.9%
	2006	9	172	181	5.0%
	2007	20	538	558	3.6%
	2008	1	85	86	1.2%
ST0000412 Total		542	4,717	5,259	10.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0000434	1987	6	23	29	20.7%
	1988	6	34	40	15.0%
	1989	5	31	36	13.9%
	1990	9	32	41	22.0%
	1991	11	43	54	20.4%
	1992	13	53	66	19.7%
	1993	11	63	74	14.9%
	1994	8	104	112	7.1%
	1995	16	160	176	9.1%
	1996	22	184	206	10.7%
	1997	47	298	345	13.6%
	1998	54	361	415	13.0%
	1999	59	508	567	10.4%
	2000	89	737	826	10.8%
	2001	114	818	932	12.2%
	2002	39	332	371	10.5%
	2003	76	1,127	1,203	6.3%
	2004	31	454	485	6.4%
	2005	55	1,417	1,472	3.7%
	2006	16	426	442	3.6%
	2007	27	1,418	1,445	1.9%
	2008	27	334	361	7.5%
ST0000434 Total		741	8,957	9,698	7.6%
ST0000469	1987	1	25	26	3.8%
	1988	12	29	41	29.3%
	1989	9	37	46	19.6%
	1990	6	36	42	14.3%
	1991	11	35	46	23.9%
	1992	6	59	65	9.2%
	1993	12	70	82	14.6%
	1994	9	99	108	8.3%
	1995	8	157	165	4.8%
	1996	19	155	174	10.9%
	1997	22	228	250	8.8%
	1998	27	214	241	11.2%
	1999	45	360	405	11.1%
	2000	63	569	632	10.0%
	2001	77	586	663	11.6%
	2002	33	271	304	10.9%
	2003	53	653	706	7.5%
	2004	23	259	282	8.2%
	2005	43	760	803	5.4%
	2006	19	244	263	7.2%
	2007	21	684	705	3.0%
	2008	11	117	128	8.6%
ST0000469 Total		530	5,647	6,177	8.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0000493	1987	7	10	17	41.2%
	1988	2	9	11	18.2%
	1989	5	21	26	19.2%
	1990	5	21	26	19.2%
	1991	1	21	22	4.5%
	1992	6	28	34	17.6%
	1993	6	27	33	18.2%
	1994	3	58	61	4.9%
	1995	9	80	89	10.1%
	1996	13	69	82	15.9%
	1997	18	115	133	13.5%
	1998	30	113	143	21.0%
	1999	30	198	228	13.2%
	2000	43	293	336	12.8%
	2001	48	299	347	13.8%
	2002	18	126	144	12.5%
	2003	47	377	424	11.1%
	2004	18	152	170	10.6%
	2005	23	492	515	4.5%
	2006	12	152	164	7.3%
	2007	14	501	515	2.7%
	2008	1	36	37	2.7%
ST0000493 Total		359	3,198	3,557	10.1%
ST0000516	1986	0	3	3	0.0%
	1987	4	28	32	12.5%
	1988	6	17	23	26.1%
	1989	2	31	33	6.1%
	1990	2	33	35	5.7%
	1991	8	28	36	22.2%
	1992	2	55	57	3.5%
	1993	5	67	72	6.9%
	1994	3	64	67	4.5%
	1995	5	128	133	3.8%
	1996	14	104	118	11.9%
	1997	30	191	221	13.6%
	1998	20	197	217	9.2%
	1999	35	311	346	10.1%
	2000	48	465	513	9.4%
	2001	59	574	633	9.3%
	2002	29	205	234	12.4%
	2003	42	648	690	6.1%
	2004	15	203	218	6.9%
	2005	20	714	734	2.7%
	2006	6	185	191	3.1%
	2007	9	726	735	1.2%
	2008	2	91	93	2.2%
ST0000516 Total		366	5,068	5,434	6.7%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000520	1986	0	2	2	0.0%
	1987	10	22	32	31.3%
	1988	1	18	19	5.3%
	1989	1	26	27	3.7%
	1990	1	27	28	3.6%
	1991	5	33	38	13.2%
	1992	2	37	39	5.1%
	1993	3	51	54	5.6%
	1994	5	71	76	6.6%
	1995	3	81	84	3.6%
	1996	10	96	106	9.4%
	1997	22	126	148	14.9%
	1998	22	174	196	11.2%
	1999	29	252	281	10.3%
	2000	35	362	397	8.8%
	2001	42	352	394	10.7%
	2002	21	123	144	14.6%
	2003	27	530	557	4.8%
	2004	6	177	183	3.3%
	2005	17	559	576	3.0%
	2006	8	128	136	5.9%
	2007	8	533	541	1.5%
	2008	6	83	89	6.7%
ST0000520 Total		284	3,863	4,147	6.8%
ST0000525	1986	0	1	1	0.0%
	1987	6	10	16	37.5%
	1988	7	15	22	31.8%
	1989	2	13	15	13.3%
	1990	3	8	11	27.3%
	1991	4	13	17	23.5%
	1992	5	18	23	21.7%
	1993	5	48	53	9.4%
	1994	8	70	78	10.3%
	1995	5	83	88	5.7%
	1996	17	101	118	14.4%
	1997	27	157	184	14.7%
	1998	25	190	215	11.6%
	1999	50	300	350	14.3%
	2000	62	451	513	12.1%
	2001	66	424	490	13.5%
	2002	34	263	297	11.4%
	2003	56	735	791	7.1%
	2004	27	268	295	9.2%
	2005	42	882	924	4.5%
	2006	14	257	271	5.2%
	2007	18	956	974	1.8%
	2008	3	90	93	3.2%
ST0000525 Total		486	5,353	5,839	8.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000549	1987	3	12	15	20.0%
	1988	4	23	27	14.8%
	1989	2	14	16	12.5%
	1990	1	21	22	4.5%
	1991	3	22	25	12.0%
	1992	4	32	36	11.1%
	1993	7	55	62	11.3%
	1994	3	54	57	5.3%
	1995	7	89	96	7.3%
	1996	7	63	70	10.0%
	1997	15	113	128	11.7%
	1998	17	134	151	11.3%
	1999	19	183	202	9.4%
	2000	24	275	299	8.0%
	2001	18	314	332	5.4%
	2002	22	113	135	16.3%
	2003	24	403	427	5.6%
	2004	10	141	151	6.6%
	2005	15	426	441	3.4%
	2006	8	125	133	6.0%
	2007	13	472	485	2.7%
	2008	6	69	75	8.0%
ST0000549 Total		232	3,153	3,385	6.9%
ST0000557	1987	0	8	8	0.0%
	1988	2	19	21	9.5%
	1989	5	21	26	19.2%
	1990	2	14	16	12.5%
	1991	2	19	21	9.5%
	1992	7	29	36	19.4%
	1993	8	36	44	18.2%
	1994	9	65	74	12.2%
	1995	6	83	89	6.7%
	1996	9	75	84	10.7%
	1997	16	121	137	11.7%
	1998	12	119	131	9.2%
	1999	20	198	218	9.2%
	2000	52	290	342	15.2%
	2001	42	287	329	12.8%
	2002	15	111	126	11.9%
	2003	32	369	401	8.0%
	2004	13	126	139	9.4%
	2005	23	456	479	4.8%
	2006	3	97	100	3.0%
	2007	8	411	419	1.9%
	2008	2	35	37	5.4%
ST0000557 Total		288	2,989	3,277	8.8%

	Table (a) (3 & 4). # of Tests by Station, % Fail By Station				
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0000581	1985	0	1	1	0.0%
	1986	1	2	3	33.3%
	1987	16	56	72	22.2%
	1988	18	66	84	21.4%
	1989	9	70	79	11.4%
	1990	17	83	100	17.0%
	1991	13	98	111	11.7%
	1992	21	123	144	14.6%
	1993	28	155	183	15.3%
	1994	43	254	297	14.5%
	1995	31	348	379	8.2%
	1996	66	322	388	17.0%
	1997	104	466	570	18.2%
	1998	99	518	617	16.0%
	1999	115	676	791	14.5%
	2000	141	952	1,093	12.9%
	2001	182	1,020	1,202	15.1%
	2002	96	482	578	16.6%
	2003	98	1,116	1,214	8.1%
	2004	60	492	552	10.9%
	2005	90	1,151	1,241	7.3%
	2006	24	391	415	5.8%
	2007	43	965	1,008	4.3%
	2008	57	444	501	11.4%
ST0000581 Total		**1,372**	**10,251**	**11,623**	**11.8%**
ST0000616	1987	3	2	5	60.0%
	1988	1	9	10	10.0%
	1989	2	11	13	15.4%
	1990	3	13	16	18.8%
	1991	0	14	14	0.0%
	1992	5	16	21	23.8%
	1993	4	32	36	11.1%
	1994	5	64	69	7.2%
	1995	8	68	76	10.5%
	1996	18	94	112	16.1%
	1997	21	174	195	10.8%
	1998	32	200	232	13.8%
	1999	29	254	283	10.2%
	2000	38	415	453	8.4%
	2001	41	432	473	8.7%
	2002	43	228	271	15.9%
	2003	52	637	689	7.5%
	2004	22	250	272	8.1%
	2005	33	705	738	4.5%
	2006	11	257	268	4.1%
	2007	18	738	756	2.4%
	2008	26	171	197	13.2%
ST0000616 Total		**415**	**4,784**	**5,199**	**8.0%**

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0000618	1986	0	1	1	0.0%
	1987	1	7	8	12.5%
	1988	2	5	7	28.6%
	1989	1	4	5	20.0%
	1990	1	5	6	16.7%
	1991	1	13	14	7.1%
	1992	5	13	18	27.8%
	1993	0	19	19	0.0%
	1994	5	37	42	11.9%
	1995	3	39	42	7.1%
	1996	9	59	68	13.2%
	1997	10	59	69	14.5%
	1998	12	94	106	11.3%
	1999	14	114	128	10.9%
	2000	20	162	182	11.0%
	2001	21	169	190	11.1%
	2002	9	70	79	11.4%
	2003	9	206	215	4.2%
	2004	8	79	87	9.2%
	2005	14	225	239	5.9%
	2006	4	75	79	5.1%
	2007	6	302	308	1.9%
	2008	0	22	22	0.0%
ST0000618 Total		155	1,779	1,934	8.0%
ST0000621	1987	2	11	13	15.4%
	1988	2	7	9	22.2%
	1989	0	12	12	0.0%
	1990	2	12	14	14.3%
	1991	5	12	17	29.4%
	1992	4	25	29	13.8%
	1993	7	29	36	19.4%
	1994	9	51	60	15.0%
	1995	7	63	70	10.0%
	1996	13	77	90	14.4%
	1997	19	107	126	15.1%
	1998	21	123	144	14.6%
	1999	26	187	213	12.2%
	2000	28	214	242	11.6%
	2001	17	137	154	11.0%
	2002	15	84	99	15.2%
	2003	19	222	241	7.9%
	2004	5	56	61	8.2%
	2005	11	227	238	4.6%
	2006	5	60	65	7.7%
	2007	9	201	210	4.3%
	2008	0	4	4	0.0%
ST0000621 Total		226	1,921	2,147	10.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0000648	1987	3	9	12	25.0%
	1988	3	13	16	18.8%
	1989	5	31	36	13.9%
	1990	4	20	24	16.7%
	1991	2	13	15	13.3%
	1992	4	40	44	9.1%
	1993	7	39	46	15.2%
	1994	2	59	61	3.3%
	1995	5	93	98	5.1%
	1996	14	75	89	15.7%
	1997	20	151	171	11.7%
	1998	16	133	149	10.7%
	1999	24	210	234	10.3%
	2000	32	323	355	9.0%
	2001	43	326	369	11.7%
	2002	17	117	134	12.7%
	2003	33	376	409	8.1%
	2004	5	125	130	3.8%
	2005	15	477	492	3.0%
	2006	6	91	97	6.2%
	2007	8	400	408	2.0%
	2008	0	25	25	0.0%
ST0000648 Total		268	3,146	3,414	7.9%
ST0000697	1986	1	1	2	50.0%
	1987	1	2	3	33.3%
	1988	3	14	17	17.6%
	1989	4	19	23	17.4%
	1990	7	13	20	35.0%
	1991	1	20	21	4.8%
	1992	14	40	54	25.9%
	1993	21	63	84	25.0%
	1994	11	68	79	13.9%
	1995	12	70	82	14.6%
	1996	40	116	156	25.6%
	1997	60	155	215	27.9%
	1998	60	160	220	27.3%
	1999	57	195	252	22.6%
	2000	60	312	372	16.1%
	2001	65	330	395	16.5%
	2002	40	163	203	19.7%
	2003	36	338	374	9.6%
	2004	15	155	170	8.8%
	2005	37	346	383	9.7%
	2006	9	135	144	6.3%
	2007	16	346	362	4.4%
	2008	0	42	42	0.0%
ST0000697 Total		570	3,103	3,673	15.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000718	1987	3	5	8	37.5%
	1988	2	15	17	11.8%
	1989	3	18	21	14.3%
	1990	4	16	20	20.0%
	1991	7	24	31	22.6%
	1992	4	22	26	15.4%
	1993	10	55	65	15.4%
	1994	17	63	80	21.3%
	1995	20	90	110	18.2%
	1996	31	72	103	30.1%
	1997	41	115	156	26.3%
	1998	46	137	183	25.1%
	1999	34	164	198	17.2%
	2000	51	238	289	17.6%
	2001	54	210	264	20.5%
	2002	31	113	144	21.5%
	2003	34	214	248	13.7%
	2004	12	103	115	10.4%
	2005	20	253	273	7.3%
	2006	4	69	73	5.5%
	2007	8	220	228	3.5%
	2008	1	16	17	5.9%
	2009	1	1	2	50.0%
ST0000718 Total		438	2,233	2,671	16.4%
ST0000725	1986	0	1	1	0.0%
	1987	6	27	33	18.2%
	1988	6	34	40	15.0%
	1989	8	35	43	18.6%
	1990	15	32	47	31.9%
	1991	9	68	77	11.7%
	1992	16	57	73	21.9%
	1993	24	91	115	20.9%
	1994	22	145	167	13.2%
	1995	26	188	214	12.1%
	1996	45	196	241	18.7%
	1997	60	255	315	19.0%
	1998	56	254	310	18.1%
	1999	79	372	451	17.5%
	2000	97	498	595	16.3%
	2001	91	507	598	15.2%
	2002	48	275	323	14.9%
	2003	61	529	590	10.3%
	2004	32	223	255	12.5%
	2005	36	560	596	6.0%
	2006	14	156	170	8.2%
	2007	4	438	442	0.9%
	2008	6	80	86	7.0%
	2009	0	1	1	0.0%
ST0000725 Total		761	5,022	5,783	13.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000730	1986	0	1	1	0.0%
	1987	5	27	32	15.6%
	1988	3	28	31	9.7%
	1989	8	41	49	16.3%
	1990	11	47	58	19.0%
	1991	17	49	66	25.8%
	1992	13	66	79	16.5%
	1993	17	126	143	11.9%
	1994	23	176	199	11.6%
	1995	33	257	290	11.4%
	1996	85	197	282	30.1%
	1997	101	326	427	23.7%
	1998	94	332	426	22.1%
	1999	109	433	542	20.1%
	2000	155	573	728	21.3%
	2001	110	292	402	27.4%
	2002	62	301	363	17.1%
	2003	77	481	558	13.8%
	2004	35	301	336	10.4%
	2005	53	487	540	9.8%
	2006	13	182	195	6.7%
	2007	10	421	431	2.3%
	2008	6	109	115	5.2%
ST0000730 Total		1,040	5,253	6,293	16.5%
ST0000776	1986	0	1	1	0.0%
	1987	9	21	30	30.0%
	1988	13	36	49	26.5%
	1989	9	50	59	15.3%
	1990	5	44	49	10.2%
	1991	9	43	52	17.3%
	1992	15	70	85	17.6%
	1993	17	87	104	16.3%
	1994	17	126	143	11.9%
	1995	16	190	206	7.8%
	1996	46	193	239	19.2%
	1997	43	299	342	12.6%
	1998	59	332	391	15.1%
	1999	66	437	503	13.1%
	2000	82	637	719	11.4%
	2001	118	733	851	13.9%
	2002	48	286	334	14.4%
	2003	57	808	865	6.6%
	2004	28	311	339	8.3%
	2005	55	915	970	5.7%
	2006	20	222	242	8.3%
	2007	16	882	898	1.8%
	2008	7	115	122	5.7%
ST0000776 Total		755	6,838	7,593	9.9%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000779	1986	1	0	1	100.0%
	1987	2	12	14	14.3%
	1988	1	12	13	7.7%
	1989	2	8	10	20.0%
	1990	0	14	14	0.0%
	1991	2	20	22	9.1%
	1992	0	17	17	0.0%
	1993	3	32	35	8.6%
	1994	8	45	53	15.1%
	1995	4	70	74	5.4%
	1996	13	81	94	13.8%
	1997	13	106	119	10.9%
	1998	16	109	125	12.8%
	1999	25	174	199	12.6%
	2000	24	294	318	7.5%
	2001	38	215	253	15.0%
	2002	16	97	113	14.2%
	2003	18	282	300	6.0%
	2004	20	109	129	15.5%
	2005	20	310	330	6.1%
	2006	3	85	88	3.4%
	2007	3	297	300	1.0%
	2008	0	18	18	0.0%
ST0000779 Total		232	2,407	2,639	8.8%
ST0000790	1985	1	1	2	50.0%
	1987	15	46	61	24.6%
	1988	3	40	43	7.0%
	1989	18	53	71	25.4%
	1990	9	46	55	16.4%
	1991	13	57	70	18.6%
	1992	10	69	79	12.7%
	1993	18	109	127	14.2%
	1994	20	163	183	10.9%
	1995	28	202	230	12.2%
	1996	46	197	243	18.9%
	1997	55	271	326	16.9%
	1998	82	309	391	21.0%
	1999	88	447	535	16.4%
	2000	109	700	809	13.5%
	2001	116	654	770	15.1%
	2002	57	322	379	15.0%
	2003	85	764	849	10.0%
	2004	53	316	369	14.4%
	2005	47	788	835	5.6%
	2006	20	237	257	7.8%
	2007	22	700	722	3.0%
	2008	17	120	137	12.4%
ST0000790 Total		932	6,611	7,543	12.4%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0000809	1987	3	23	26	11.5%
	1988	5	21	26	19.2%
	1989	1	16	17	5.9%
	1990	8	27	35	22.9%
	1991	5	21	26	19.2%
	1992	4	27	31	12.9%
	1993	4	46	50	8.0%
	1994	7	80	87	8.0%
	1995	10	102	112	8.9%
	1996	13	112	125	10.4%
	1997	27	118	145	18.6%
	1998	24	170	194	12.4%
	1999	28	268	296	9.5%
	2000	49	376	425	11.5%
	2001	50	417	467	10.7%
	2002	32	193	225	14.2%
	2003	43	460	503	8.5%
	2004	16	166	182	8.8%
	2005	25	515	540	4.6%
	2006	6	118	124	4.8%
	2007	22	414	436	5.0%
	2008	5	53	58	8.6%
ST0000809 Total		387	3,743	4,130	9.4%
ST0000825	1987	2	3	5	40.0%
	1988	1	4	5	20.0%
	1989	4	13	17	23.5%
	1990	5	6	11	45.5%
	1991	0	17	17	0.0%
	1992	6	17	23	26.1%
	1993	4	25	29	13.8%
	1994	3	33	36	8.3%
	1995	2	56	58	3.4%
	1996	8	59	67	11.9%
	1997	18	89	107	16.8%
	1998	9	87	96	9.4%
	1999	21	150	171	12.3%
	2000	17	143	160	10.6%
	2001	3	53	56	5.4%
	2002	8	85	93	8.6%
	2003	17	215	232	7.3%
	2004	6	66	72	8.3%
	2005	10	253	263	3.8%
	2006	4	79	83	4.8%
	2007	3	218	221	1.4%
	2008	0	19	19	0.0%
ST0000825 Total		151	1,690	1,841	8.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000915	1987	0	6	6	0.0%
	1988	2	5	7	28.6%
	1989	3	9	12	25.0%
	1990	1	6	7	14.3%
	1991	0	11	11	0.0%
	1992	4	23	27	14.8%
	1993	2	27	29	6.9%
	1994	5	45	50	10.0%
	1995	4	67	71	5.6%
	1996	10	59	69	14.5%
	1997	14	75	89	15.7%
	1998	14	76	90	15.6%
	1999	12	131	143	8.4%
	2000	16	105	121	13.2%
	2001	7	66	73	9.6%
	2002	9	62	71	12.7%
	2003	14	141	155	9.0%
	2004	4	53	57	7.0%
	2005	9	160	169	5.3%
	2006	3	53	56	5.4%
	2007	6	137	143	4.2%
	2008	6	49	55	10.9%
ST0000915 Total		145	1,366	1,511	9.6%
ST0000951	1987	3	4	7	42.9%
	1988	5	8	13	38.5%
	1989	0	14	14	0.0%
	1990	2	12	14	14.3%
	1991	3	14	17	17.6%
	1992	3	21	24	12.5%
	1993	8	29	37	21.6%
	1994	0	27	27	0.0%
	1995	9	67	76	11.8%
	1996	8	51	59	13.6%
	1997	10	63	73	13.7%
	1998	14	85	99	14.1%
	1999	19	114	133	14.3%
	2000	26	196	222	11.7%
	2001	28	133	161	17.4%
	2002	10	97	107	9.3%
	2003	33	259	292	11.3%
	2004	25	192	217	11.5%
	2005	39	354	393	9.9%
	2006	33	252	285	11.6%
	2007	36	489	525	6.9%
	2008	56	545	601	9.3%
ST0000951 Total		370	3,026	3,396	10.9%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0000963	1987	3	10	13	23.1%
	1988	8	15	23	34.8%
	1989	5	13	18	27.8%
	1990	5	23	28	17.9%
	1991	8	24	32	25.0%
	1992	3	30	33	9.1%
	1993	8	48	56	14.3%
	1994	9	70	79	11.4%
	1995	18	114	132	13.6%
	1996	31	124	155	20.0%
	1997	29	174	203	14.3%
	1998	37	211	248	14.9%
	1999	44	271	315	14.0%
	2000	64	437	501	12.8%
	2001	71	449	520	13.7%
	2002	38	254	292	13.0%
	2003	48	585	633	7.6%
	2004	21	267	288	7.3%
	2005	36	721	757	4.8%
	2006	18	238	256	7.0%
	2007	17	728	745	2.3%
	2008	4	116	120	3.3%
ST0000963 Total		525	4,922	5,447	9.6%
ST0000969	1987	4	7	11	36.4%
	1988	0	6	6	0.0%
	1989	3	7	10	30.0%
	1990	2	9	11	18.2%
	1991	1	8	9	11.1%
	1992	4	16	20	20.0%
	1993	5	25	30	16.7%
	1994	5	28	33	15.2%
	1995	4	37	41	9.8%
	1996	12	56	68	17.6%
	1997	17	86	103	16.5%
	1998	10	92	102	9.8%
	1999	20	130	150	13.3%
	2000	22	170	192	11.5%
	2001	38	193	231	16.5%
	2002	9	85	94	9.6%
	2003	22	191	213	10.3%
	2004	6	93	99	6.1%
	2005	18	231	249	7.2%
	2006	8	67	75	10.7%
	2007	10	187	197	5.1%
	2008	5	62	67	7.5%
ST0000969 Total		225	1,786	2,011	11.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000971	1987	0	6	6	0.0%
	1988	2	3	5	40.0%
	1989	2	6	8	25.0%
	1990	1	6	7	14.3%
	1991	0	3	3	0.0%
	1992	1	15	16	6.3%
	1993	5	21	26	19.2%
	1994	5	24	29	17.2%
	1995	8	32	40	20.0%
	1996	7	43	50	14.0%
	1997	3	55	58	5.2%
	1998	8	84	92	8.7%
	1999	12	102	114	10.5%
	2000	15	169	184	8.2%
	2001	16	126	142	11.3%
	2002	13	62	75	17.3%
	2003	17	191	208	8.2%
	2004	4	58	62	6.5%
	2005	10	247	257	3.9%
	2006	6	62	68	8.8%
	2007	3	218	221	1.4%
	2008	2	11	13	15.4%
	2009	0	1	1	0.0%
ST0000971 Total		140	1,545	1,685	8.3%
ST0000972	1986	0	1	1	0.0%
	1987	11	29	40	27.5%
	1988	5	26	31	16.1%
	1989	15	42	57	26.3%
	1990	7	46	53	13.2%
	1991	13	38	51	25.5%
	1992	9	62	71	12.7%
	1993	14	72	86	16.3%
	1994	24	122	146	16.4%
	1995	23	165	188	12.2%
	1996	28	140	168	16.7%
	1997	40	246	286	14.0%
	1998	50	313	363	13.8%
	1999	70	408	478	14.6%
	2000	74	532	606	12.2%
	2001	97	539	636	15.3%
	2002	42	311	353	11.9%
	2003	64	639	703	9.1%
	2004	33	314	347	9.5%
	2005	45	681	726	6.2%
	2006	24	258	282	8.5%
	2007	37	631	668	5.5%
	2008	23	251	274	8.4%
ST0000972 Total		748	5,866	6,614	11.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000978	1987	2	7	9	22.2%
	1988	3	8	11	27.3%
	1989	3	9	12	25.0%
	1990	5	12	17	29.4%
	1991	0	16	16	0.0%
	1992	3	24	27	11.1%
	1993	7	24	31	22.6%
	1994	10	51	61	16.4%
	1995	11	77	88	12.5%
	1996	18	78	96	18.8%
	1997	26	111	137	19.0%
	1998	20	112	132	15.2%
	1999	20	163	183	10.9%
	2000	41	254	295	13.9%
	2001	39	216	255	15.3%
	2002	26	145	171	15.2%
	2003	20	262	282	7.1%
	2004	17	169	186	9.1%
	2005	18	324	342	5.3%
	2006	8	143	151	5.3%
	2007	10	367	377	2.7%
	2008	8	146	154	5.2%
ST0000978 Total		315	2,718	3,033	10.4%
ST0000986	1986	0	1	1	0.0%
	1987	2	18	20	10.0%
	1988	3	15	18	16.7%
	1989	5	26	31	16.1%
	1990	7	20	27	25.9%
	1991	3	35	38	7.9%
	1992	2	47	49	4.1%
	1993	9	63	72	12.5%
	1994	13	73	86	15.1%
	1995	21	113	134	15.7%
	1996	15	90	105	14.3%
	1997	20	153	173	11.6%
	1998	28	171	199	14.1%
	1999	33	246	279	11.8%
	2000	47	349	396	11.9%
	2001	54	370	424	12.7%
	2002	28	160	188	14.9%
	2003	46	537	583	7.9%
	2004	25	223	248	10.1%
	2005	26	609	635	4.1%
	2006	10	191	201	5.0%
	2007	25	535	560	4.5%
	2008	8	179	187	4.3%
ST0000986 Total		430	4,224	4,654	9.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0000994	1987	10	30	40	25.0%
	1988	8	35	43	18.6%
	1989	12	34	46	26.1%
	1990	8	47	55	14.5%
	1991	2	44	46	4.3%
	1992	5	65	70	7.1%
	1993	9	77	86	10.5%
	1994	14	116	130	10.8%
	1995	20	173	193	10.4%
	1996	34	159	193	17.6%
	1997	47	236	283	16.6%
	1998	37	282	319	11.6%
	1999	63	378	441	14.3%
	2000	86	596	682	12.6%
	2001	103	595	698	14.8%
	2002	45	249	294	15.3%
	2003	78	728	806	9.7%
	2004	25	272	297	8.4%
	2005	40	847	887	4.5%
	2006	12	220	232	5.2%
	2007	25	740	765	3.3%
	2008	0	44	44	0.0%
ST0000994 Total		683	5,967	6,650	10.3%
ST0001010	1987	9	12	21	42.9%
	1988	1	20	21	4.8%
	1989	7	24	31	22.6%
	1990	3	22	25	12.0%
	1991	5	17	22	22.7%
	1992	14	37	51	27.5%
	1993	10	51	61	16.4%
	1994	8	71	79	10.1%
	1995	15	124	139	10.8%
	1996	20	105	125	16.0%
	1997	44	153	197	22.3%
	1998	40	137	177	22.6%
	1999	34	229	263	12.9%
	2000	54	298	352	15.3%
	2001	58	268	326	17.8%
	2002	31	144	175	17.7%
	2003	43	281	324	13.3%
	2004	13	129	142	9.2%
	2005	20	325	345	5.8%
	2006	6	107	113	5.3%
	2007	7	249	256	2.7%
	2008	1	23	24	4.2%
ST0001010 Total		443	2,826	3,269	13.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0001056	1987	4	37	41	9.8%
	1988	9	42	51	17.6%
	1989	13	55	68	19.1%
	1990	10	63	73	13.7%
	1991	3	46	49	6.1%
	1992	4	82	86	4.7%
	1993	18	110	128	14.1%
	1994	17	131	148	11.5%
	1995	14	226	240	5.8%
	1996	32	233	265	12.1%
	1997	50	351	401	12.5%
	1998	56	345	401	14.0%
	1999	66	466	532	12.4%
	2000	88	670	758	11.6%
	2001	83	693	776	10.7%
	2002	46	311	357	12.9%
	2003	57	871	928	6.1%
	2004	30	330	360	8.3%
	2005	55	1,020	1,075	5.1%
	2006	13	264	277	4.7%
	2007	13	950	963	1.3%
	2008	3	72	75	4.0%
ST0001056 Total		684	7,368	8,052	8.5%
ST0001095	1986	0	2	2	0.0%
	1987	9	18	27	33.3%
	1988	6	17	23	26.1%
	1989	8	25	33	24.2%
	1990	6	33	39	15.4%
	1991	11	51	62	17.7%
	1992	9	48	57	15.8%
	1993	22	82	104	21.2%
	1994	14	110	124	11.3%
	1995	20	157	177	11.3%
	1996	45	170	215	20.9%
	1997	57	239	296	19.3%
	1998	62	267	329	18.8%
	1999	74	395	469	15.8%
	2000	103	519	622	16.6%
	2001	111	500	611	18.2%
	2002	57	272	329	17.3%
	2003	53	550	603	8.8%
	2004	24	229	253	9.5%
	2005	30	524	554	5.4%
	2006	15	179	194	7.7%
	2007	16	510	526	3.0%
	2008	2	58	60	3.3%
ST0001095 Total		754	4,955	5,709	13.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0001131	1994	0	1	1	0.0%
	1995	0	2	2	0.0%
	1996	3	24	27	11.1%
	1997	15	43	58	25.9%
	1998	11	55	66	16.7%
	1999	10	73	83	12.0%
	2000	8	122	130	6.2%
	2001	24	105	129	18.6%
	2002	7	49	56	12.5%
	2003	19	153	172	11.0%
	2004	5	41	46	10.9%
	2005	9	139	148	6.1%
	2006	1	46	47	2.1%
	2007	5	159	164	3.0%
	2008	1	12	13	7.7%
ST0001131 Total		118	1,024	1,142	10.3%
ST0001193	1986	1	1	2	50.0%
	1987	15	40	55	27.3%
	1988	16	58	74	21.6%
	1989	25	63	88	28.4%
	1990	13	60	73	17.8%
	1991	23	85	108	21.3%
	1992	21	118	139	15.1%
	1993	23	141	164	14.0%
	1994	39	219	258	15.1%
	1995	49	289	338	14.5%
	1996	81	300	381	21.3%
	1997	95	422	517	18.4%
	1998	118	434	552	21.4%
	1999	128	579	707	18.1%
	2000	153	708	861	17.8%
	2001	144	673	817	17.6%
	2002	81	416	497	16.3%
	2003	82	784	866	9.5%
	2004	42	351	393	10.7%
	2005	48	734	782	6.1%
	2006	30	278	308	9.7%
	2007	36	786	822	4.4%
	2008	15	214	229	6.6%
ST0001193 Total		1,278	7,753	9,031	14.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001216	1985	0	1	1	0.0%
	1987	5	29	34	14.7%
	1988	7	34	41	17.1%
	1989	14	47	61	23.0%
	1990	11	61	72	15.3%
	1991	16	66	82	19.5%
	1992	17	86	103	16.5%
	1993	22	112	134	16.4%
	1994	18	186	204	8.8%
	1995	27	260	287	9.4%
	1996	63	253	316	19.9%
	1997	70	361	431	16.2%
	1998	96	424	520	18.5%
	1999	90	565	655	13.7%
	2000	151	885	1,036	14.6%
	2001	135	819	954	14.2%
	2002	88	406	494	17.8%
	2003	99	1,067	1,166	8.5%
	2004	45	477	522	8.6%
	2005	98	1,177	1,275	7.7%
	2006	32	408	440	7.3%
	2007	24	1,114	1,138	2.1%
	2008	7	214	221	3.2%
ST0001216 Total		1,135	9,052	10,187	11.1%
ST0001220	1987	1	12	13	7.7%
	1988	4	13	17	23.5%
	1989	4	17	21	19.0%
	1990	5	27	32	15.6%
	1991	3	22	25	12.0%
	1992	3	31	34	8.8%
	1993	10	53	63	15.9%
	1994	4	77	81	4.9%
	1995	8	105	113	7.1%
	1996	23	109	132	17.4%
	1997	35	166	201	17.4%
	1998	35	180	215	16.3%
	1999	39	272	311	12.5%
	2000	74	457	531	13.9%
	2001	80	415	495	16.2%
	2002	42	205	247	17.0%
	2003	51	580	631	8.1%
	2004	19	246	265	7.2%
	2005	41	780	821	5.0%
	2006	10	223	233	4.3%
	2007	11	723	734	1.5%
	2008	2	71	73	2.7%
ST0001220 Total		504	4,784	5,288	9.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001235	1986	0	1	1	0.0%
	1987	3	10	13	23.1%
	1988	3	12	15	20.0%
	1989	3	18	21	14.3%
	1990	3	18	21	14.3%
	1991	4	22	26	15.4%
	1992	3	34	37	8.1%
	1993	8	37	45	17.8%
	1994	9	79	88	10.2%
	1995	13	106	119	10.9%
	1996	26	133	159	16.4%
	1997	34	187	221	15.4%
	1998	36	221	257	14.0%
	1999	49	352	401	12.2%
	2000	76	512	588	12.9%
	2001	79	564	643	12.3%
	2002	42	351	393	10.7%
	2003	83	935	1,018	8.2%
	2004	37	385	422	8.8%
	2005	51	1,026	1,077	4.7%
	2006	10	347	357	2.8%
	2007	21	1,161	1,182	1.8%
	2008	0	117	117	0.0%
ST0001235 Total		593	6,628	7,221	8.2%
ST0001253	1987	1	17	18	5.6%
	1988	3	14	17	17.6%
	1989	15	22	37	40.5%
	1990	9	29	38	23.7%
	1991	12	36	48	25.0%
	1992	13	58	71	18.3%
	1993	18	78	96	18.8%
	1994	24	121	145	16.6%
	1995	24	152	176	13.6%
	1996	60	182	242	24.8%
	1997	80	285	365	21.9%
	1998	89	311	400	22.3%
	1999	103	385	488	21.1%
	2000	120	523	643	18.7%
	2001	123	494	617	19.9%
	2002	66	289	355	18.6%
	2003	65	549	614	10.6%
	2004	26	220	246	10.6%
	2005	47	553	600	7.8%
	2006	14	179	193	7.3%
	2007	13	509	522	2.5%
	2008	2	36	38	5.3%
ST0001253 Total		927	5,042	5,969	15.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001264	1986	0	1	1	0.0%
	1987	5	26	31	16.1%
	1988	8	35	43	18.6%
	1989	12	36	48	25.0%
	1990	5	36	41	12.2%
	1991	15	60	75	20.0%
	1992	10	67	77	13.0%
	1993	20	94	114	17.5%
	1994	12	114	126	9.5%
	1995	11	172	183	6.0%
	1996	30	176	206	14.6%
	1997	48	232	280	17.1%
	1998	37	279	316	11.7%
	1999	59	362	421	14.0%
	2000	67	592	659	10.2%
	2001	73	560	633	11.5%
	2002	38	251	289	13.1%
	2003	59	703	762	7.7%
	2004	24	283	307	7.8%
	2005	32	748	780	4.1%
	2006	13	188	201	6.5%
	2007	25	634	659	3.8%
	2008	5	88	93	5.4%
ST0001264 Total		608	5,737	6,345	9.6%
ST0001267	1987	4	14	18	22.2%
	1988	6	15	21	28.6%
	1989	2	25	27	7.4%
	1990	3	15	18	16.7%
	1991	2	20	22	9.1%
	1992	2	22	24	8.3%
	1993	10	58	68	14.7%
	1994	5	55	60	8.3%
	1995	5	73	78	6.4%
	1996	11	79	90	12.2%
	1997	22	137	159	13.8%
	1998	22	143	165	13.3%
	1999	25	182	207	12.1%
	2000	24	285	309	7.8%
	2001	39	250	289	13.5%
	2002	17	148	165	10.3%
	2003	32	346	378	8.5%
	2004	14	127	141	9.9%
	2005	17	397	414	4.1%
	2006	9	130	139	6.5%
	2007	13	395	408	3.2%
	2008	0	46	46	0.0%
ST0001267 Total		284	2,962	3,246	8.7%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001270	1987	5	14	19	26.3%
	1988	1	15	16	6.3%
	1989	6	22	28	21.4%
	1990	2	21	23	8.7%
	1991	5	21	26	19.2%
	1992	8	39	47	17.0%
	1993	12	49	61	19.7%
	1994	7	72	79	8.9%
	1995	13	101	114	11.4%
	1996	21	100	121	17.4%
	1997	28	122	150	18.7%
	1998	32	164	196	16.3%
	1999	39	223	262	14.9%
	2000	45	321	366	12.3%
	2001	52	340	392	13.3%
	2002	26	165	191	13.6%
	2003	27	324	351	7.7%
	2004	18	157	175	10.3%
	2005	46	371	417	11.0%
	2006	11	122	133	8.3%
	2007	21	346	367	5.7%
	2008	9	82	91	9.9%
	2009	0	1	1	0.0%
ST0001270 Total		434	3,192	3,626	12.0%
ST0001274	1987	1	17	18	5.6%
	1988	3	27	30	10.0%
	1989	4	35	39	10.3%
	1990	4	21	25	16.0%
	1991	4	28	32	12.5%
	1992	7	50	57	12.3%
	1993	11	65	76	14.5%
	1994	13	82	95	13.7%
	1995	10	107	117	8.5%
	1996	24	126	150	16.0%
	1997	31	191	222	14.0%
	1998	24	174	198	12.1%
	1999	32	244	276	11.6%
	2000	42	397	439	9.6%
	2001	42	397	439	9.6%
	2002	14	130	144	9.7%
	2003	34	472	506	6.7%
	2004	10	105	115	8.7%
	2005	16	506	522	3.1%
	2006	4	134	138	2.9%
	2007	16	412	428	3.7%
	2008	0	26	26	0.0%
ST0001274 Total		346	3,746	4,092	8.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001284	1986	0	1	1	0.0%
	1987	6	12	18	33.3%
	1988	1	13	14	7.1%
	1989	3	21	24	12.5%
	1990	2	22	24	8.3%
	1991	2	20	22	9.1%
	1992	9	41	50	18.0%
	1993	6	38	44	13.6%
	1994	14	70	84	16.7%
	1995	16	98	114	14.0%
	1996	18	78	96	18.8%
	1997	16	143	159	10.1%
	1998	17	169	186	9.1%
	1999	35	240	275	12.7%
	2000	64	420	484	13.2%
	2001	35	363	398	8.8%
	2002	25	145	170	14.7%
	2003	40	489	529	7.6%
	2004	12	166	178	6.7%
	2005	25	606	631	4.0%
	2006	5	148	153	3.3%
	2007	16	637	653	2.5%
	2008	1	45	46	2.2%
ST0001284 Total		368	3,985	4,353	8.5%
ST0001294	1987	1	3	4	25.0%
	1988	0	6	6	0.0%
	1989	1	6	7	14.3%
	1990	1	10	11	9.1%
	1991	3	8	11	27.3%
	1992	2	5	7	28.6%
	1993	3	13	16	18.8%
	1994	2	14	16	12.5%
	1995	3	23	26	11.5%
	1996	5	17	22	22.7%
	1997	10	33	43	23.3%
	1998	7	48	55	12.7%
	1999	6	71	77	7.8%
	2000	15	110	125	12.0%
	2001	20	131	151	13.2%
	2002	5	63	68	7.4%
	2003	16	195	211	7.6%
	2004	5	65	70	7.1%
	2005	10	232	242	4.1%
	2006	9	86	95	9.5%
	2007	6	304	310	1.9%
	2008	1	34	35	2.9%
ST0001294 Total		131	1,477	1,608	8.1%

	Table (a) (3 & 4). # of Tests by Station, % Fail By Station				
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0001297	1987	10	26	36	27.8%
	1988	10	32	42	23.8%
	1989	21	45	66	31.8%
	1990	24	51	75	32.0%
	1991	21	73	94	22.3%
	1992	31	94	125	24.8%
	1993	56	122	178	31.5%
	1994	39	199	238	16.4%
	1995	52	277	329	15.8%
	1996	115	259	374	30.7%
	1997	130	319	449	29.0%
	1998	149	321	470	31.7%
	1999	142	386	528	26.9%
	2000	171	532	703	24.3%
	2001	166	437	603	27.5%
	2002	100	332	432	23.1%
	2003	60	419	479	12.5%
	2004	35	238	273	12.8%
	2005	53	338	391	13.6%
	2006	14	114	128	10.9%
	2007	23	211	234	9.8%
	2008	4	30	34	11.8%
ST0001297 Total		1,426	4,855	6,281	22.7%
ST0001299	1986	1	1	2	50.0%
	1987	6	16	22	27.3%
	1988	5	18	23	21.7%
	1989	14	28	42	33.3%
	1990	8	32	40	20.0%
	1991	11	31	42	26.2%
	1992	12	50	62	19.4%
	1993	28	69	97	28.9%
	1994	26	99	125	20.8%
	1995	24	148	172	14.0%
	1996	32	110	142	22.5%
	1997	60	201	261	23.0%
	1998	58	221	279	20.8%
	1999	69	288	357	19.3%
	2000	87	393	480	18.1%
	2001	69	324	393	17.6%
	2002	51	230	281	18.1%
	2003	45	320	365	12.3%
	2004	42	221	263	16.0%
	2005	41	282	323	12.7%
	2006	11	122	133	8.3%
	2007	7	225	232	3.0%
	2008	3	32	35	8.6%
ST0001299 Total		710	3,461	4,171	17.0%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001303	1988	1	0	1	100.0%
	1989	0	2	2	0.0%
	1990	1	1	2	50.0%
	1992	0	1	1	0.0%
	1993	0	1	1	0.0%
	1994	0	2	2	0.0%
	1995	2	6	8	25.0%
	1996	1	3	4	25.0%
	1997	2	2	4	50.0%
	1998	3	6	9	33.3%
	1999	1	6	7	14.3%
	2000	3	3	6	50.0%
	2001	2	5	7	28.6%
	2002	0	7	7	0.0%
	2003	0	6	6	0.0%
	2004	1	11	12	8.3%
	2005	1	9	10	10.0%
	2006	1	5	6	16.7%
	2007	0	6	6	0.0%
	2008	0	4	4	0.0%
ST0001303 Total		19	86	105	18.1%
ST0001363	1989	0	1	1	0.0%
	1990	0	1	1	0.0%
	1991	0	1	1	0.0%
	1993	1	2	3	33.3%
	1994	1	0	1	100.0%
	1996	3	0	3	100.0%
	1997	0	3	3	0.0%
	1998	2	1	3	66.7%
	1999	2	2	4	50.0%
	2000	0	6	6	0.0%
	2001	0	4	4	0.0%
	2002	0	1	1	0.0%
	2003	0	2	2	0.0%
	2004	0	1	1	0.0%
	2005	2	5	7	28.6%
	2006	0	2	2	0.0%
	2008	0	2	2	0.0%
ST0001363 Total		11	34	45	24.4%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0001368	1987	1	8	9	11.1%
	1988	3	15	18	16.7%
	1989	0	16	16	0.0%
	1990	1	19	20	5.0%
	1991	2	12	14	14.3%
	1992	4	27	31	12.9%
	1993	4	41	45	8.9%
	1994	4	56	60	6.7%
	1995	2	81	83	2.4%
	1996	7	80	87	8.0%
	1997	8	109	117	6.8%
	1998	21	153	174	12.1%
	1999	22	219	241	9.1%
	2000	37	380	417	8.9%
	2001	41	304	345	11.9%
	2002	9	150	159	5.7%
	2003	26	459	485	5.4%
	2004	6	128	134	4.5%
	2005	14	500	514	2.7%
	2006	5	128	133	3.8%
	2007	4	530	534	0.7%
	2008	0	30	30	0.0%
ST0001368 Total		221	3,445	3,666	6.0%
ST0001371	1987	2	15	17	11.8%
	1988	2	19	21	9.5%
	1989	10	28	38	26.3%
	1990	9	35	44	20.5%
	1991	6	35	41	14.6%
	1992	8	55	63	12.7%
	1993	8	54	62	12.9%
	1994	6	82	88	6.8%
	1995	18	151	169	10.7%
	1996	25	124	149	16.8%
	1997	36	186	222	16.2%
	1998	28	170	198	14.1%
	1999	41	240	281	14.6%
	2000	57	435	492	11.6%
	2001	60	398	458	13.1%
	2002	30	173	203	14.8%
	2003	36	487	523	6.9%
	2004	27	172	199	13.6%
	2005	24	561	585	4.1%
	2006	11	167	178	6.2%
	2007	25	463	488	5.1%
	2008	23	206	229	10.0%
ST0001371 Total		492	4,256	4,748	10.4%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001377	1987	2	16	18	11.1%
	1988	1	18	19	5.3%
	1989	3	16	19	15.8%
	1990	5	33	38	13.2%
	1991	6	22	28	21.4%
	1992	8	56	64	12.5%
	1993	10	73	83	12.0%
	1994	15	109	124	12.1%
	1995	26	146	172	15.1%
	1996	26	141	167	15.6%
	1997	37	170	207	17.9%
	1998	37	205	242	15.3%
	1999	57	251	308	18.5%
	2000	61	360	421	14.5%
	2001	79	354	433	18.2%
	2002	54	179	233	23.2%
	2003	47	366	413	11.4%
	2004	24	149	173	13.9%
	2005	22	378	400	5.5%
	2006	6	126	132	4.5%
	2007	12	411	423	2.8%
	2008	14	284	298	4.7%
ST0001377 Total		552	3,863	4,415	12.5%
ST0001401	1987	9	16	25	36.0%
	1988	9	27	36	25.0%
	1989	3	15	18	16.7%
	1990	15	31	46	32.6%
	1991	20	44	64	31.3%
	1992	25	75	100	25.0%
	1993	22	93	115	19.1%
	1994	38	146	184	20.7%
	1995	40	175	215	18.6%
	1996	51	166	217	23.5%
	1997	67	265	332	20.2%
	1998	79	287	366	21.6%
	1999	79	328	407	19.4%
	2000	110	405	515	21.4%
	2001	81	378	459	17.6%
	2002	74	283	357	20.7%
	2003	44	385	429	10.3%
	2004	38	302	340	11.2%
	2005	46	500	546	8.4%
	2006	44	463	507	8.7%
	2007	78	957	1,035	7.5%
	2008	172	1,905	2,077	8.3%
ST0001401 Total		1,144	7,246	8,390	13.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001423	1987	2	17	19	10.5%
	1988	3	19	22	13.6%
	1989	6	17	23	26.1%
	1990	1	19	20	5.0%
	1991	8	42	50	16.0%
	1992	12	48	60	20.0%
	1993	8	52	60	13.3%
	1994	20	119	139	14.4%
	1995	23	142	165	13.9%
	1996	43	171	214	20.1%
	1997	70	197	267	26.2%
	1998	58	209	267	21.7%
	1999	72	285	357	20.2%
	2000	88	385	473	18.6%
	2001	104	344	448	23.2%
	2002	51	247	298	17.1%
	2003	43	363	406	10.6%
	2004	21	217	238	8.8%
	2005	47	424	471	10.0%
	2006	24	250	274	8.8%
	2007	51	599	650	7.8%
	2008	125	667	792	15.8%
ST0001423 Total		880	4,833	5,713	15.4%
ST0001511	1987	5	21	26	19.2%
	1988	6	30	36	16.7%
	1989	7	36	43	16.3%
	1990	9	34	43	20.9%
	1991	1	27	28	3.6%
	1992	10	46	56	17.9%
	1993	8	70	78	10.3%
	1994	10	106	116	8.6%
	1995	19	137	156	12.2%
	1996	22	137	159	13.8%
	1997	36	221	257	14.0%
	1998	28	224	252	11.1%
	1999	37	305	342	10.8%
	2000	45	440	485	9.3%
	2001	45	398	443	10.2%
	2002	18	194	212	8.5%
	2003	35	517	552	6.3%
	2004	24	192	216	11.1%
	2005	28	552	580	4.8%
	2006	7	146	153	4.6%
	2007	9	455	464	1.9%
	2008	2	66	68	2.9%
ST0001511 Total		411	4,354	4,765	8.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001519	1985	2	0	2	100.0%
	1986	0	2	2	0.0%
	1987	12	42	54	22.2%
	1988	15	52	67	22.4%
	1989	11	61	72	15.3%
	1990	5	58	63	7.9%
	1991	11	59	70	15.7%
	1992	14	71	85	16.5%
	1993	17	123	140	12.1%
	1994	25	153	178	14.0%
	1995	20	210	230	8.7%
	1996	28	210	238	11.8%
	1997	27	272	299	9.0%
	1998	30	252	282	10.6%
	1999	54	364	418	12.9%
	2000	57	518	575	9.9%
	2001	61	476	537	11.4%
	2002	31	197	228	13.6%
	2003	51	568	619	8.2%
	2004	26	223	249	10.4%
	2005	30	579	609	4.9%
	2006	14	154	168	8.3%
	2007	14	534	548	2.6%
	2008	5	88	93	5.4%
ST0001519 Total		560	5,266	5,826	9.6%
ST0001594	1986	0	1	1	0.0%
	1987	9	16	25	36.0%
	1988	10	33	43	23.3%
	1989	9	44	53	17.0%
	1990	8	37	45	17.8%
	1991	11	44	55	20.0%
	1992	11	53	64	17.2%
	1993	5	83	88	5.7%
	1994	15	121	136	11.0%
	1995	27	159	186	14.5%
	1996	35	155	190	18.4%
	1997	58	212	270	21.5%
	1998	57	229	286	19.9%
	1999	56	317	373	15.0%
	2000	77	416	493	15.6%
	2001	74	361	435	17.0%
	2002	48	216	264	18.2%
	2003	47	406	453	10.4%
	2004	30	181	211	14.2%
	2005	26	430	456	5.7%
	2006	12	166	178	6.7%
	2007	10	396	406	2.5%
	2008	14	99	113	12.4%
ST0001594 Total		649	4,175	4,824	13.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001615	1986	1	0	1	100.0%
	1987	0	7	7	0.0%
	1988	5	16	21	23.8%
	1989	5	16	21	23.8%
	1990	4	11	15	26.7%
	1991	4	20	24	16.7%
	1992	4	19	23	17.4%
	1993	14	31	45	31.1%
	1994	9	64	73	12.3%
	1995	16	88	104	15.4%
	1996	17	68	85	20.0%
	1997	29	91	120	24.2%
	1998	26	107	133	19.5%
	1999	31	135	166	18.7%
	2000	33	231	264	12.5%
	2001	33	171	204	16.2%
	2002	21	124	145	14.5%
	2003	16	205	221	7.2%
	2004	16	92	108	14.8%
	2005	12	236	248	4.8%
	2006	6	88	94	6.4%
	2007	9	214	223	4.0%
	2008	1	27	28	3.6%
ST0001615 Total		312	2,061	2,373	13.1%
ST0001646	1986	0	1	1	0.0%
	1987	8	22	30	26.7%
	1988	5	32	37	13.5%
	1989	5	34	39	12.8%
	1990	11	26	37	29.7%
	1991	8	27	35	22.9%
	1992	8	36	44	18.2%
	1993	11	65	76	14.5%
	1994	13	90	103	12.6%
	1995	15	129	144	10.4%
	1996	28	128	156	17.9%
	1997	42	197	239	17.6%
	1998	33	218	251	13.1%
	1999	37	280	317	11.7%
	2000	50	391	441	11.3%
	2001	70	346	416	16.8%
	2002	21	188	209	10.0%
	2003	36	470	506	7.1%
	2004	18	173	191	9.4%
	2005	14	434	448	3.1%
	2006	8	124	132	6.1%
	2007	17	352	369	4.6%
	2008	7	100	107	6.5%
ST0001646 Total		465	3,863	4,328	10.7%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0001660	1987	5	15	20	25.0%
	1988	8	21	29	27.6%
	1989	6	26	32	18.8%
	1990	6	25	31	19.4%
	1991	10	29	39	25.6%
	1992	10	51	61	16.4%
	1993	12	87	99	12.1%
	1994	15	120	135	11.1%
	1995	29	150	179	16.2%
	1996	25	137	162	15.4%
	1997	54	183	237	22.8%
	1998	48	251	299	16.1%
	1999	62	358	420	14.8%
	2000	84	469	553	15.2%
	2001	97	483	580	16.7%
	2002	58	269	327	17.7%
	2003	64	625	689	9.3%
	2004	48	306	354	13.6%
	2005	42	733	775	5.4%
	2006	18	274	292	6.2%
	2007	33	697	730	4.5%
	2008	15	164	179	8.4%
ST0001660 Total		749	5,473	6,222	12.0%
ST0001662	1987	11	14	25	44.0%
	1988	6	16	22	27.3%
	1989	8	30	38	21.1%
	1990	3	28	31	9.7%
	1991	3	37	40	7.5%
	1992	8	54	62	12.9%
	1993	16	65	81	19.8%
	1994	10	95	105	9.5%
	1995	18	147	165	10.9%
	1996	22	137	159	13.8%
	1997	37	179	216	17.1%
	1998	36	172	208	17.3%
	1999	43	262	305	14.1%
	2000	45	376	421	10.7%
	2001	51	341	392	13.0%
	2002	33	166	199	16.6%
	2003	36	405	441	8.2%
	2004	24	202	226	10.6%
	2005	22	471	493	4.5%
	2006	6	155	161	3.7%
	2007	17	437	454	3.7%
	2008	1	65	66	1.5%
ST0001662 Total		456	3,854	4,310	10.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001679	1986	0	2	2	0.0%
	1987	12	39	51	23.5%
	1988	9	50	59	15.3%
	1989	14	54	68	20.6%
	1990	21	65	86	24.4%
	1991	7	64	71	9.9%
	1992	25	85	110	22.7%
	1993	16	131	147	10.9%
	1994	32	178	210	15.2%
	1995	35	243	278	12.6%
	1996	52	251	303	17.2%
	1997	67	365	432	15.5%
	1998	74	384	458	16.2%
	1999	66	482	548	12.0%
	2000	107	654	761	14.1%
	2001	108	687	795	13.6%
	2002	57	321	378	15.1%
	2003	72	715	787	9.1%
	2004	37	261	298	12.4%
	2005	57	769	826	6.9%
	2006	13	199	212	6.1%
	2007	13	635	648	2.0%
	2008	2	51	53	3.8%
ST0001679 Total		896	6,685	7,581	11.8%
ST0001692	1987	1	2	3	33.3%
	1988	1	6	7	14.3%
	1989	1	7	8	12.5%
	1990	1	4	5	20.0%
	1991	2	3	5	40.0%
	1992	1	8	9	11.1%
	1993	1	14	15	6.7%
	1994	0	16	16	0.0%
	1995	2	13	15	13.3%
	1996	4	21	25	16.0%
	1997	1	30	31	3.2%
	1998	2	36	38	5.3%
	1999	8	48	56	14.3%
	2000	8	57	65	12.3%
	2001	7	64	71	9.9%
	2002	3	35	38	7.9%
	2003	7	93	100	7.0%
	2004	4	40	44	9.1%
	2005	5	92	97	5.2%
	2006	2	25	27	7.4%
	2007	2	104	106	1.9%
	2008	0	13	13	0.0%
ST0001692 Total		63	731	794	7.9%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0001704	1987	7	28	35	20.0%
	1988	6	28	34	17.6%
	1989	4	33	37	10.8%
	1990	6	38	44	13.6%
	1991	12	56	68	17.6%
	1992	7	58	65	10.8%
	1993	10	89	99	10.1%
	1994	13	129	142	9.2%
	1995	17	150	167	10.2%
	1996	19	131	150	12.7%
	1997	31	175	206	15.0%
	1998	42	217	259	16.2%
	1999	48	299	347	13.8%
	2000	51	393	444	11.5%
	2001	76	402	478	15.9%
	2002	24	165	189	12.7%
	2003	41	427	468	8.8%
	2004	18	167	185	9.7%
	2005	28	497	525	5.3%
	2006	6	114	120	5.0%
	2007	14	433	447	3.1%
	2008	1	34	35	2.9%
ST0001704 Total		481	4,063	4,544	10.6%
ST0001725	1987	4	19	23	17.4%
	1988	5	25	30	16.7%
	1989	3	34	37	8.1%
	1990	5	27	32	15.6%
	1991	5	26	31	16.1%
	1992	9	41	50	18.0%
	1993	5	57	62	8.1%
	1994	3	84	87	3.4%
	1995	8	116	124	6.5%
	1996	24	131	155	15.5%
	1997	25	202	227	11.0%
	1998	31	200	231	13.4%
	1999	46	296	342	13.5%
	2000	63	421	484	13.0%
	2001	65	386	451	14.4%
	2002	23	166	189	12.2%
	2003	33	472	505	6.5%
	2004	14	173	187	7.5%
	2005	20	507	527	3.8%
	2006	8	136	144	5.6%
	2007	10	461	471	2.1%
	2008	1	34	35	2.9%
ST0001725 Total		410	4,014	4,424	9.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001730	1986	1	2	3	33.3%
	1987	0	3	3	0.0%
	1988	1	5	6	16.7%
	1989	0	6	6	0.0%
	1990	1	5	6	16.7%
	1991	2	5	7	28.6%
	1992	2	8	10	20.0%
	1993	2	9	11	18.2%
	1994	1	19	20	5.0%
	1995	1	26	27	3.7%
	1996	3	23	26	11.5%
	1997	9	52	61	14.8%
	1998	12	55	67	17.9%
	1999	8	62	70	11.4%
	2000	9	110	119	7.6%
	2001	23	111	134	17.2%
	2002	5	52	57	8.8%
	2003	20	131	151	13.2%
	2004	1	53	54	1.9%
	2005	2	157	159	1.3%
	2006	0	42	42	0.0%
	2007	2	121	123	1.6%
	2008	0	5	5	0.0%
ST0001730 Total		105	1,062	1,167	9.0%
ST0001767	1986	0	1	1	0.0%
	1987	3	12	15	20.0%
	1988	7	35	42	16.7%
	1989	8	24	32	25.0%
	1990	4	50	54	7.4%
	1991	7	42	49	14.3%
	1992	18	81	99	18.2%
	1993	10	102	112	8.9%
	1994	11	150	161	6.8%
	1995	24	222	246	9.8%
	1996	60	225	285	21.1%
	1997	71	274	345	20.6%
	1998	70	336	406	17.2%
	1999	103	450	553	18.6%
	2000	114	642	756	15.1%
	2001	114	564	678	16.8%
	2002	56	365	421	13.3%
	2003	74	811	885	8.4%
	2004	43	374	417	10.3%
	2005	61	861	922	6.6%
	2006	24	308	332	7.2%
	2007	23	874	897	2.6%
	2008	4	129	133	3.0%
ST0001767 Total		909	6,932	7,841	11.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0001790	1987	1	3	4	25.0%
	1988	1	7	8	12.5%
	1989	5	5	10	50.0%
	1990	2	8	10	20.0%
	1991	2	8	10	20.0%
	1992	5	22	27	18.5%
	1993	1	33	34	2.9%
	1994	12	38	50	24.0%
	1995	5	45	50	10.0%
	1996	22	87	109	20.2%
	1997	30	160	190	15.8%
	1998	37	157	194	19.1%
	1999	45	215	260	17.3%
	2000	52	347	399	13.0%
	2001	64	345	409	15.6%
	2002	32	196	228	14.0%
	2003	40	417	457	8.8%
	2004	23	195	218	10.6%
	2005	34	517	551	6.2%
	2006	10	168	178	5.6%
	2007	13	444	457	2.8%
	2008	1	47	48	2.1%
ST0001790 Total		437	3,464	3,901	11.2%
ST0001797	1987	4	9	13	30.8%
	1988	2	11	13	15.4%
	1989	3	13	16	18.8%
	1990	2	6	8	25.0%
	1991	4	17	21	19.0%
	1992	2	19	21	9.5%
	1993	4	27	31	12.9%
	1994	4	32	36	11.1%
	1995	1	44	45	2.2%
	1996	11	49	60	18.3%
	1997	4	62	66	6.1%
	1998	7	63	70	10.0%
	1999	12	104	116	10.3%
	2000	19	141	160	11.9%
	2001	18	132	150	12.0%
	2002	8	60	68	11.8%
	2003	14	153	167	8.4%
	2004	6	64	70	8.6%
	2005	13	143	156	8.3%
	2006	1	39	40	2.5%
	2007	4	149	153	2.6%
	2008	1	8	9	11.1%
ST0001797 Total		144	1,345	1,489	9.7%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001799	1986	0	2	2	0.0%
	1987	7	30	37	18.9%
	1988	5	30	35	14.3%
	1989	16	29	45	35.6%
	1990	2	39	41	4.9%
	1991	5	36	41	12.2%
	1992	5	48	53	9.4%
	1993	5	61	66	7.6%
	1994	14	113	127	11.0%
	1995	5	160	165	3.0%
	1996	17	128	145	11.7%
	1997	20	175	195	10.3%
	1998	23	166	189	12.2%
	1999	29	229	258	11.2%
	2000	42	372	414	10.1%
	2001	61	401	462	13.2%
	2002	26	199	225	11.6%
	2003	38	445	483	7.9%
	2004	17	176	193	8.8%
	2005	23	521	544	4.2%
	2006	7	147	154	4.5%
	2007	10	397	407	2.5%
	2008	2	85	87	2.3%
ST0001799 Total		379	3,989	4,368	8.7%
ST0001805	1987	13	31	44	29.5%
	1988	12	69	81	14.8%
	1989	21	76	97	21.6%
	1990	11	62	73	15.1%
	1991	15	42	57	26.3%
	1992	18	81	99	18.2%
	1993	23	149	172	13.4%
	1994	32	186	218	14.7%
	1995	43	282	325	13.2%
	1996	51	250	301	16.9%
	1997	107	462	569	18.8%
	1998	80	410	490	16.3%
	1999	106	525	631	16.8%
	2000	104	768	872	11.9%
	2001	129	723	852	15.1%
	2002	63	373	436	14.4%
	2003	107	852	959	11.2%
	2004	46	357	403	11.4%
	2005	61	891	952	6.4%
	2006	18	247	265	6.8%
	2007	16	711	727	2.2%
	2008	1	79	80	1.3%
ST0001805 Total		1,077	7,626	8,703	12.4%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001825	1987	5	24	29	17.2%
	1988	14	52	66	21.2%
	1989	12	48	60	20.0%
	1990	12	53	65	18.5%
	1991	10	60	70	14.3%
	1992	19	84	103	18.4%
	1993	22	126	148	14.9%
	1994	36	180	216	16.7%
	1995	30	234	264	11.4%
	1996	47	215	262	17.9%
	1997	50	318	368	13.6%
	1998	68	323	391	17.4%
	1999	61	407	468	13.0%
	2000	89	605	694	12.8%
	2001	109	596	705	15.5%
	2002	61	266	327	18.7%
	2003	83	753	836	9.9%
	2004	40	277	317	12.6%
	2005	56	742	798	7.0%
	2006	14	200	214	6.5%
	2007	24	687	711	3.4%
	2008	1	72	73	1.4%
ST0001825 Total		863	6,322	7,185	12.0%
ST0001845	1986	1	0	1	100.0%
	1987	0	2	2	0.0%
	1988	0	5	5	0.0%
	1989	1	8	9	11.1%
	1990	1	6	7	14.3%
	1991	1	7	8	12.5%
	1992	0	10	10	0.0%
	1993	2	16	18	11.1%
	1994	4	27	31	12.9%
	1995	5	33	38	13.2%
	1996	10	32	42	23.8%
	1997	14	52	66	21.2%
	1998	12	51	63	19.0%
	1999	12	73	85	14.1%
	2000	25	115	140	17.9%
	2001	23	105	128	18.0%
	2002	19	69	88	21.6%
	2003	20	149	169	11.8%
	2004	12	93	105	11.4%
	2005	24	231	255	9.4%
	2006	7	85	92	7.6%
	2007	8	231	239	3.3%
	2008	5	69	74	6.8%
ST0001845 Total		206	1,469	1,675	12.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
	1986	1	1	2	50.0%
	1987	10	37	47	21.3%
	1988	9	53	62	14.5%
	1989	14	92	106	13.2%
	1990	8	67	75	10.7%
	1991	11	105	116	9.5%
	1992	19	129	148	12.8%
	1993	14	155	169	8.3%
	1994	21	197	218	9.6%
	1995	40	282	322	12.4%
	1996	57	308	365	15.6%
ST0001876	1997	83	419	502	16.5%
	1998	89	473	562	15.8%
	1999	85	616	701	12.1%
	2000	114	961	1,075	10.6%
	2001	127	913	1,040	12.2%
	2002	75	384	459	16.3%
	2003	95	1,101	1,196	7.9%
	2004	39	361	400	9.8%
	2005	58	1,077	1,135	5.1%
	2006	14	286	300	4.7%
	2007	31	996	1,027	3.0%
	2008	5	79	84	6.0%
ST0001876 Total		1,019	9,092	10,111	10.1%
	1986	0	1	1	0.0%
	1987	11	25	36	30.6%
	1988	7	34	41	17.1%
	1989	13	46	59	22.0%
	1990	6	43	49	12.2%
	1991	5	29	34	14.7%
	1992	6	51	57	10.5%
	1993	6	73	79	7.6%
	1994	12	112	124	9.7%
	1995	22	162	184	12.0%
	1996	22	164	186	11.8%
ST0001889	1997	33	225	258	12.8%
	1998	44	256	300	14.7%
	1999	42	331	373	11.3%
	2000	42	498	540	7.8%
	2001	59	549	608	9.7%
	2002	45	448	493	9.1%
	2003	72	978	1,050	6.9%
	2004	47	755	802	5.9%
	2005	55	1,197	1,252	4.4%
	2006	36	778	814	4.4%
	2007	28	985	1,013	2.8%
	2008	17	475	492	3.5%
ST0001889 Total		630	8,215	8,845	7.1%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0001896	1987	5	10	15	33.3%
	1988	5	20	25	20.0%
	1989	7	25	32	21.9%
	1990	3	26	29	10.3%
	1991	2	27	29	6.9%
	1992	9	31	40	22.5%
	1993	4	52	56	7.1%
	1994	11	61	72	15.3%
	1995	7	101	108	6.5%
	1996	19	121	140	13.6%
	1997	31	179	210	14.8%
	1998	27	185	212	12.7%
	1999	26	279	305	8.5%
	2000	41	389	430	9.5%
	2001	54	427	481	11.2%
	2002	24	175	199	12.1%
	2003	33	420	453	7.3%
	2004	12	183	195	6.2%
	2005	27	532	559	4.8%
	2006	12	149	161	7.5%
	2007	12	464	476	2.5%
	2008	18	150	168	10.7%
ST0001896 Total		389	4,006	4,395	8.9%
ST0001944	1987	9	28	37	24.3%
	1988	5	31	36	13.9%
	1989	6	30	36	16.7%
	1990	1	36	37	2.7%
	1991	12	39	51	23.5%
	1992	8	60	68	11.8%
	1993	13	91	104	12.5%
	1994	10	129	139	7.2%
	1995	18	194	212	8.5%
	1996	22	156	178	12.4%
	1997	55	295	350	15.7%
	1998	50	312	362	13.8%
	1999	64	454	518	12.4%
	2000	77	696	773	10.0%
	2001	86	666	752	11.4%
	2002	64	343	407	15.7%
	2003	85	830	915	9.3%
	2004	38	369	407	9.3%
	2005	50	1,000	1,050	4.8%
	2006	25	352	377	6.6%
	2007	35	973	1,008	3.5%
	2008	13	202	215	6.0%
ST0001944 Total		746	7,286	8,032	9.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0001969	1987	1	13	14	7.1%
	1988	1	17	18	5.6%
	1989	0	13	13	0.0%
	1990	3	13	16	18.8%
	1991	1	11	12	8.3%
	1992	3	29	32	9.4%
	1993	1	25	26	3.8%
	1994	4	43	47	8.5%
	1995	2	54	56	3.6%
	1996	14	87	101	13.9%
	1997	14	137	151	9.3%
	1998	16	155	171	9.4%
	1999	30	192	222	13.5%
	2000	34	327	361	9.4%
	2001	44	330	374	11.8%
	2002	16	129	145	11.0%
	2003	27	459	486	5.6%
	2004	12	180	192	6.3%
	2005	26	543	569	4.6%
	2006	18	152	170	10.6%
	2007	13	522	535	2.4%
	2008	2	86	88	2.3%
ST0001969 Total		282	3,517	3,799	7.4%
ST0001970	1987	10	12	22	45.5%
	1988	6	24	30	20.0%
	1989	6	29	35	17.1%
	1990	4	19	23	17.4%
	1991	9	34	43	20.9%
	1992	7	30	37	18.9%
	1993	5	57	62	8.1%
	1994	3	82	85	3.5%
	1995	6	143	149	4.0%
	1996	16	133	149	10.7%
	1997	20	200	220	9.1%
	1998	37	256	293	12.6%
	1999	38	324	362	10.5%
	2000	48	495	543	8.8%
	2001	64	466	530	12.1%
	2002	36	212	248	14.5%
	2003	56	695	751	7.5%
	2004	14	235	249	5.6%
	2005	37	772	809	4.6%
	2006	17	204	221	7.7%
	2007	16	758	774	2.1%
	2008	1	127	128	0.8%
ST0001970 Total		456	5,307	5,763	7.9%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002018	1982	0	1	1	0.0%
	1987	1	27	28	3.6%
	1988	5	19	24	20.8%
	1989	3	15	18	16.7%
	1990	4	22	26	15.4%
	1991	1	14	15	6.7%
	1992	4	21	25	16.0%
	1993	3	36	39	7.7%
	1994	10	47	57	17.5%
	1995	1	74	75	1.3%
	1996	12	76	88	13.6%
	1997	19	112	131	14.5%
	1998	14	101	115	12.2%
	1999	17	170	187	9.1%
	2000	16	221	237	6.8%
	2001	24	202	226	10.6%
	2002	12	90	102	11.8%
	2003	12	280	292	4.1%
	2004	9	92	101	8.9%
	2005	6	266	272	2.2%
	2006	7	81	88	8.0%
	2007	2	266	268	0.7%
	2008	1	23	24	4.2%
ST0002018 Total		183	2,256	2,439	7.5%
ST0002020	1987	2	5	7	28.6%
	1988	3	3	6	50.0%
	1989	0	5	5	0.0%
	1990	2	11	13	15.4%
	1991	3	10	13	23.1%
	1992	3	14	17	17.6%
	1993	1	10	11	9.1%
	1994	1	25	26	3.8%
	1995	2	30	32	6.3%
	1996	5	29	34	14.7%
	1997	9	56	65	13.8%
	1998	7	74	81	8.6%
	1999	11	102	113	9.7%
	2000	16	149	165	9.7%
	2001	27	186	213	12.7%
	2002	14	114	128	10.9%
	2003	20	273	293	6.8%
	2004	5	125	130	3.8%
	2005	12	343	355	3.4%
	2006	7	120	127	5.5%
	2007	13	417	430	3.0%
	2008	6	126	132	4.5%
ST0002020 Total		169	2,227	2,396	7.1%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002026	1986	1	0	1	100.0%
	1987	6	14	20	30.0%
	1988	6	20	26	23.1%
	1989	0	19	19	0.0%
	1990	1	20	21	4.8%
	1991	2	15	17	11.8%
	1992	4	19	23	17.4%
	1993	7	39	46	15.2%
	1994	3	58	61	4.9%
	1995	5	77	82	6.1%
	1996	8	90	98	8.2%
	1997	14	111	125	11.2%
	1998	25	128	153	16.3%
	1999	26	161	187	13.9%
	2000	46	283	329	14.0%
	2001	42	251	293	14.3%
	2002	15	106	121	12.4%
	2003	29	312	341	8.5%
	2004	16	119	135	11.9%
	2005	17	351	368	4.6%
	2006	3	92	95	3.2%
	2007	16	341	357	4.5%
	2008	3	39	42	7.1%
ST0002026 Total		295	2,665	2,960	10.0%
ST0002060	1987	4	16	20	20.0%
	1988	2	23	25	8.0%
	1989	4	37	41	9.8%
	1990	2	29	31	6.5%
	1991	4	26	30	13.3%
	1992	5	41	46	10.9%
	1993	13	68	81	16.0%
	1994	8	70	78	10.3%
	1995	24	124	148	16.2%
	1996	25	134	159	15.7%
	1997	28	160	188	14.9%
	1998	38	181	219	17.4%
	1999	45	289	334	13.5%
	2000	50	387	437	11.4%
	2001	38	401	439	8.7%
	2002	33	160	193	17.1%
	2003	44	477	521	8.4%
	2004	15	173	188	8.0%
	2005	19	574	593	3.2%
	2006	9	129	138	6.5%
	2007	10	472	482	2.1%
	2008	0	35	35	0.0%
ST0002060 Total		420	4,006	4,426	9.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0002070	1987	0	2	2	0.0%
	1988	0	4	4	0.0%
	1989	1	3	4	25.0%
	1990	1	3	4	25.0%
	1991	0	3	3	0.0%
	1992	0	8	8	0.0%
	1993	2	12	14	14.3%
	1994	1	19	20	5.0%
	1995	5	27	32	15.6%
	1996	3	25	28	10.7%
	1997	6	45	51	11.8%
	1998	12	51	63	19.0%
	1999	7	67	74	9.5%
	2000	20	132	152	13.2%
	2001	13	94	107	12.1%
	2002	13	81	94	13.8%
	2003	20	173	193	10.4%
	2004	7	97	104	6.7%
	2005	25	232	257	9.7%
	2006	7	90	97	7.2%
	2007	8	304	312	2.6%
	2008	0	30	30	0.0%
ST0002070 Total		151	1,502	1,653	9.1%
ST0002120	1987	5	9	14	35.7%
	1988	5	16	21	23.8%
	1989	4	22	26	15.4%
	1990	3	17	20	15.0%
	1991	3	18	21	14.3%
	1992	6	24	30	20.0%
	1993	2	30	32	6.3%
	1994	6	45	51	11.8%
	1995	7	55	62	11.3%
	1996	14	67	81	17.3%
	1997	20	93	113	17.7%
	1998	22	114	136	16.2%
	1999	15	155	170	8.8%
	2000	34	254	288	11.8%
	2001	39	304	343	11.4%
	2002	12	124	136	8.8%
	2003	23	345	368	6.3%
	2004	12	161	173	6.9%
	2005	16	447	463	3.5%
	2006	5	147	152	3.3%
	2007	22	518	540	4.1%
	2008	2	59	61	3.3%
ST0002120 Total		277	3,024	3,301	8.4%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002133	1987	2	23	25	8.0%
	1988	6	10	16	37.5%
	1989	5	30	35	14.3%
	1990	3	30	33	9.1%
	1991	9	32	41	22.0%
	1992	7	35	42	16.7%
	1993	6	59	65	9.2%
	1994	8	69	77	10.4%
	1995	4	84	88	4.5%
	1996	20	109	129	15.5%
	1997	22	158	180	12.2%
	1998	35	180	215	16.3%
	1999	40	258	298	13.4%
	2000	70	413	483	14.5%
	2001	77	429	506	15.2%
	2002	39	247	286	13.6%
	2003	55	543	598	9.2%
	2004	20	208	228	8.8%
	2005	28	589	617	4.5%
	2006	6	195	201	3.0%
	2007	19	617	636	3.0%
	2008	15	167	182	8.2%
ST0002133 Total		496	4,485	4,981	10.0%
ST0002141	1986	1	1	2	50.0%
	1987	4	8	12	33.3%
	1988	2	7	9	22.2%
	1989	3	18	21	14.3%
	1990	2	12	14	14.3%
	1991	2	23	25	8.0%
	1992	3	24	27	11.1%
	1993	11	26	37	29.7%
	1994	7	45	52	13.5%
	1995	6	64	70	8.6%
	1996	12	61	73	16.4%
	1997	15	72	87	17.2%
	1998	22	90	112	19.6%
	1999	18	133	151	11.9%
	2000	40	244	284	14.1%
	2001	54	299	353	15.3%
	2002	21	138	159	13.2%
	2003	34	359	393	8.7%
	2004	11	176	187	5.9%
	2005	19	440	459	4.1%
	2006	4	145	149	2.7%
	2007	14	415	429	3.3%
	2008	1	55	56	1.8%
ST0002141 Total		306	2,855	3,161	9.7%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0002149	1985	1	1	2	50.0%
	1987	2	11	13	15.4%
	1988	2	12	14	14.3%
	1989	9	11	20	45.0%
	1990	8	26	34	23.5%
	1991	4	32	36	11.1%
	1992	9	27	36	25.0%
	1993	13	40	53	24.5%
	1994	8	45	53	15.1%
	1995	5	74	79	6.3%
	1996	27	63	90	30.0%
	1997	29	108	137	21.2%
	1998	24	120	144	16.7%
	1999	40	145	185	21.6%
	2000	44	233	277	15.9%
	2001	51	254	305	16.7%
	2002	24	150	174	13.8%
	2003	38	310	348	10.9%
	2004	20	157	177	11.3%
	2005	30	307	337	8.9%
	2006	16	138	154	10.4%
	2007	20	344	364	5.5%
	2008	28	142	170	16.5%
ST0002149 Total		452	2,750	3,202	14.1%
ST0002153	1987	5	29	34	14.7%
	1988	3	31	34	8.8%
	1989	4	43	47	8.5%
	1990	5	36	41	12.2%
	1991	5	46	51	9.8%
	1992	12	49	61	19.7%
	1993	8	76	84	9.5%
	1994	3	87	90	3.3%
	1995	13	115	128	10.2%
	1996	18	118	136	13.2%
	1997	33	189	222	14.9%
	1998	25	230	255	9.8%
	1999	32	343	375	8.5%
	2000	53	431	484	11.0%
	2001	51	424	475	10.7%
	2002	14	154	168	8.3%
	2003	51	621	672	7.6%
	2004	20	189	209	9.6%
	2005	17	613	630	2.7%
	2006	4	151	155	2.6%
	2007	14	612	626	2.2%
	2008	1	54	55	1.8%
ST0002153 Total		391	4,641	5,032	7.8%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0002178	1985	0	1	1	0.0%
	1986	0	1	1	0.0%
	1987	1	14	15	6.7%
	1988	3	15	18	16.7%
	1989	2	12	14	14.3%
	1990	1	16	17	5.9%
	1991	2	23	25	8.0%
	1992	9	42	51	17.6%
	1993	2	39	41	4.9%
	1994	1	48	49	2.0%
	1995	4	64	68	5.9%
	1996	3	48	51	5.9%
	1997	12	88	100	12.0%
	1998	15	110	125	12.0%
	1999	19	161	180	10.6%
	2000	25	278	303	8.3%
	2001	24	196	220	10.9%
	2002	13	107	120	10.8%
	2003	13	266	279	4.7%
	2004	8	108	116	6.9%
	2005	16	301	317	5.0%
	2006	1	70	71	1.4%
	2007	11	265	276	4.0%
	2008	0	29	29	0.0%
ST0002178 Total		185	2,302	2,487	7.4%
ST0002181	1985	0	1	1	0.0%
	1987	5	43	48	10.4%
	1988	8	44	52	15.4%
	1989	3	32	35	8.6%
	1990	10	42	52	19.2%
	1991	2	56	58	3.4%
	1992	7	71	78	9.0%
	1993	10	107	117	8.5%
	1994	17	139	156	10.9%
	1995	25	192	217	11.5%
	1996	27	185	212	12.7%
	1997	36	290	326	11.0%
	1998	45	324	369	12.2%
	1999	60	561	621	9.7%
	2000	104	768	872	11.9%
	2001	94	731	825	11.4%
	2002	50	300	350	14.3%
	2003	78	1,005	1,083	7.2%
	2004	34	358	392	8.7%
	2005	42	1,067	1,109	3.8%
	2006	18	300	318	5.7%
	2007	34	1,117	1,151	3.0%
	2008	4	111	115	3.5%
ST0002181 Total		713	7,844	8,557	8.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002233	1986	1	0	1	100.0%
	1987	10	18	28	35.7%
	1988	11	43	54	20.4%
	1989	11	42	53	20.8%
	1990	11	42	53	20.8%
	1991	15	75	90	16.7%
	1992	36	80	116	31.0%
	1993	25	123	148	16.9%
	1994	13	149	162	8.0%
	1995	28	240	268	10.4%
	1996	51	212	263	19.4%
	1997	74	274	348	21.3%
	1998	83	281	364	22.8%
	1999	86	423	509	16.9%
	2000	107	561	668	16.0%
	2001	108	551	659	16.4%
	2002	64	317	381	16.8%
	2003	77	600	677	11.4%
	2004	37	257	294	12.6%
	2005	54	596	650	8.3%
	2006	20	186	206	9.7%
	2007	12	512	524	2.3%
	2008	8	81	89	9.0%
	2009	0	2	2	0.0%
ST0002233 Total		942	5,665	6,607	14.3%
ST0002267	1985	0	1	1	0.0%
	1987	1	5	6	16.7%
	1988	0	13	13	0.0%
	1989	5	12	17	29.4%
	1990	4	21	25	16.0%
	1991	4	14	18	22.2%
	1992	8	23	31	25.8%
	1993	9	36	45	20.0%
	1994	3	41	44	6.8%
	1995	7	78	85	8.2%
	1996	10	59	69	14.5%
	1997	19	92	111	17.1%
	1998	13	99	112	11.6%
	1999	26	141	167	15.6%
	2000	27	185	212	12.7%
	2001	30	220	250	12.0%
	2002	23	101	124	18.5%
	2003	28	310	338	8.3%
	2004	18	129	147	12.2%
	2005	21	316	337	6.2%
	2006	13	132	145	9.0%
	2007	15	427	442	3.4%
	2008	12	158	170	7.1%
ST0002267 Total		296	2,613	2,909	10.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002280	1987	6	7	13	46.2%
	1988	1	5	6	16.7%
	1989	1	10	11	9.1%
	1990	2	9	11	18.2%
	1991	2	9	11	18.2%
	1992	3	12	15	20.0%
	1993	2	20	22	9.1%
	1994	0	28	28	0.0%
	1995	3	45	48	6.3%
	1996	5	56	61	8.2%
	1997	12	56	68	17.6%
	1998	8	71	79	10.1%
	1999	17	92	109	15.6%
	2000	15	147	162	9.3%
	2001	29	107	136	21.3%
	2002	9	84	93	9.7%
	2003	20	202	222	9.0%
	2004	6	82	88	6.8%
	2005	17	288	305	5.6%
	2006	2	58	60	3.3%
	2007	1	219	220	0.5%
	2008	0	13	13	0.0%
ST0002280 Total		161	1,620	1,781	9.0%
ST0002304	1987	6	16	22	27.3%
	1988	3	21	24	12.5%
	1989	6	27	33	18.2%
	1990	5	19	24	20.8%
	1991	4	41	45	8.9%
	1992	4	38	42	9.5%
	1993	7	56	63	11.1%
	1994	6	71	77	7.8%
	1995	6	116	122	4.9%
	1996	19	104	123	15.4%
	1997	17	118	135	12.6%
	1998	12	141	153	7.8%
	1999	24	209	233	10.3%
	2000	38	329	367	10.4%
	2001	25	138	163	15.3%
	2002	17	101	118	14.4%
	2003	23	290	313	7.3%
	2004	6	100	106	5.7%
	2005	20	316	336	6.0%
	2006	7	72	79	8.9%
	2007	6	259	265	2.3%
	2008	4	21	25	16.0%
ST0002304 Total		265	2,603	2,868	9.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002318	1986	0	1	1	0.0%
	1987	2	6	8	25.0%
	1988	11	8	19	57.9%
	1989	1	6	7	14.3%
	1990	2	11	13	15.4%
	1991	2	7	9	22.2%
	1992	1	9	10	10.0%
	1993	5	29	34	14.7%
	1994	3	22	25	12.0%
	1995	5	45	50	10.0%
	1996	4	33	37	10.8%
	1997	5	43	48	10.4%
	1998	10	51	61	16.4%
	1999	17	62	79	21.5%
	2000	16	84	100	16.0%
	2001	12	71	83	14.5%
	2002	4	31	35	11.4%
	2003	5	56	61	8.2%
	2004	4	22	26	15.4%
	2005	2	78	80	2.5%
	2006	5	19	24	20.8%
	2007	2	57	59	3.4%
	2008	1	1	2	50.0%
ST0002318 Total		119	752	871	13.7%
ST0002330	1984	0	1	1	0.0%
	1987	8	18	26	30.8%
	1988	11	22	33	33.3%
	1989	3	24	27	11.1%
	1990	7	25	32	21.9%
	1991	5	25	30	16.7%
	1992	9	43	52	17.3%
	1993	6	59	65	9.2%
	1994	11	76	87	12.6%
	1995	10	104	114	8.8%
	1996	22	106	128	17.2%
	1997	31	159	190	16.3%
	1998	26	166	192	13.5%
	1999	39	239	278	14.0%
	2000	55	321	376	14.6%
	2001	46	328	374	12.3%
	2002	23	135	158	14.6%
	2003	39	445	484	8.1%
	2004	18	161	179	10.1%
	2005	28	502	530	5.3%
	2006	8	137	145	5.5%
	2007	5	425	430	1.2%
	2008	2	33	35	5.7%
ST0002330 Total		412	3,554	3,966	10.4%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0002340	1987	0	4	4	0.0%
	1988	2	5	7	28.6%
	1989	2	2	4	50.0%
	1990	1	5	6	16.7%
	1991	1	4	5	20.0%
	1992	2	7	9	22.2%
	1993	1	9	10	10.0%
	1994	0	13	13	0.0%
	1995	4	15	19	21.1%
	1996	0	26	26	0.0%
	1997	3	29	32	9.4%
	1998	6	58	64	9.4%
	1999	10	57	67	14.9%
	2000	7	97	104	6.7%
	2001	9	95	104	8.7%
	2002	6	63	69	8.7%
	2003	13	125	138	9.4%
	2004	16	79	95	16.8%
	2005	8	173	181	4.4%
	2006	11	75	86	12.8%
	2007	4	167	171	2.3%
	2008	10	73	83	12.0%
ST0002340 Total		116	1,181	1,297	8.9%
ST0002358	1986	2	0	2	100.0%
	1987	2	5	7	28.6%
	1988	0	5	5	0.0%
	1989	0	8	8	0.0%
	1990	1	7	8	12.5%
	1991	3	6	9	33.3%
	1992	0	11	11	0.0%
	1993	10	18	28	35.7%
	1994	1	27	28	3.6%
	1995	7	32	39	17.9%
	1996	9	32	41	22.0%
	1997	14	51	65	21.5%
	1998	11	61	72	15.3%
	1999	18	72	90	20.0%
	2000	19	140	159	11.9%
	2001	23	135	158	14.6%
	2002	9	76	85	10.6%
	2003	26	207	233	11.2%
	2004	6	90	96	6.3%
	2005	10	212	222	4.5%
	2006	6	62	68	8.8%
	2007	7	205	212	3.3%
	2008	0	27	27	0.0%
ST0002358 Total		184	1,489	1,673	11.0%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002365	1987	7	7	14	50.0%
	1988	2	14	16	12.5%
	1989	5	24	29	17.2%
	1990	2	22	24	8.3%
	1991	7	28	35	20.0%
	1992	11	37	48	22.9%
	1993	7	51	58	12.1%
	1994	9	72	81	11.1%
	1995	9	95	104	8.7%
	1996	23	89	112	20.5%
	1997	21	140	161	13.0%
	1998	30	165	195	15.4%
	1999	36	204	240	15.0%
	2000	44	327	371	11.9%
	2001	50	321	371	13.5%
	2002	35	142	177	19.8%
	2003	37	405	442	8.4%
	2004	10	159	169	5.9%
	2005	25	426	451	5.5%
	2006	2	128	130	1.5%
	2007	9	372	381	2.4%
	2008	2	45	47	4.3%
ST0002365 Total		383	3,273	3,656	10.5%
ST0002373	1986	3	1	4	75.0%
	1987	10	41	51	19.6%
	1988	5	43	48	10.4%
	1989	10	50	60	16.7%
	1990	6	47	53	11.3%
	1991	17	42	59	28.8%
	1992	16	74	90	17.8%
	1993	12	114	126	9.5%
	1994	13	142	155	8.4%
	1995	16	223	239	6.7%
	1996	24	213	237	10.1%
	1997	42	269	311	13.5%
	1998	51	252	303	16.8%
	1999	53	399	452	11.7%
	2000	72	628	700	10.3%
	2001	92	662	754	12.2%
	2002	45	243	288	15.6%
	2003	55	797	852	6.5%
	2004	25	223	248	10.1%
	2005	45	811	856	5.3%
	2006	10	223	233	4.3%
	2007	16	667	683	2.3%
	2008	1	43	44	2.3%
ST0002373 Total		639	6,207	6,846	9.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0002380	1986	0	1	1	0.0%
	1987	2	13	15	13.3%
	1988	7	22	29	24.1%
	1989	3	27	30	10.0%
	1990	2	20	22	9.1%
	1991	0	26	26	0.0%
	1992	5	28	33	15.2%
	1993	9	38	47	19.1%
	1994	5	75	80	6.3%
	1995	6	83	89	6.7%
	1996	11	76	87	12.6%
	1997	27	144	171	15.8%
	1998	24	108	132	18.2%
	1999	28	150	178	15.7%
	2000	33	248	281	11.7%
	2001	47	238	285	16.5%
	2002	19	116	135	14.1%
	2003	22	329	351	6.3%
	2004	6	114	120	5.0%
	2005	21	380	401	5.2%
	2006	3	92	95	3.2%
	2007	10	321	331	3.0%
	2008	0	23	23	0.0%
ST0002380 Total		290	2,672	2,962	9.8%
ST0002419	1986	0	1	1	0.0%
	1987	4	12	16	25.0%
	1988	3	22	25	12.0%
	1989	8	26	34	23.5%
	1990	4	23	27	14.8%
	1991	5	26	31	16.1%
	1992	3	37	40	7.5%
	1993	6	62	68	8.8%
	1994	7	67	74	9.5%
	1995	13	95	108	12.0%
	1996	12	89	101	11.9%
	1997	29	159	188	15.4%
	1998	22	176	198	11.1%
	1999	26	241	267	9.7%
	2000	42	352	394	10.7%
	2001	56	393	449	12.5%
	2002	16	150	166	9.6%
	2003	29	444	473	6.1%
	2004	10	153	163	6.1%
	2005	33	463	496	6.7%
	2006	7	142	149	4.7%
	2007	18	451	469	3.8%
	2008	27	112	139	19.4%
ST0002419 Total		380	3,696	4,076	9.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002427	1986	0	1	1	0.0%
	1987	2	22	24	8.3%
	1988	2	31	33	6.1%
	1989	7	20	27	25.9%
	1990	2	14	16	12.5%
	1991	4	31	35	11.4%
	1992	8	31	39	20.5%
	1993	2	34	36	5.6%
	1994	4	54	58	6.9%
	1995	8	84	92	8.7%
	1996	10	78	88	11.4%
	1997	24	125	149	16.1%
	1998	12	127	139	8.6%
	1999	19	218	237	8.0%
	2000	22	258	280	7.9%
	2001	31	246	277	11.2%
	2002	29	173	202	14.4%
	2003	31	313	344	9.0%
	2004	31	209	240	12.9%
	2005	30	383	413	7.3%
	2006	26	213	239	10.9%
	2007	36	471	507	7.1%
	2008	92	634	726	12.7%
ST0002427 Total		432	3,770	4,202	10.3%
ST0002467	1987	0	1	1	0.0%
	1988	0	3	3	0.0%
	1989	1	5	6	16.7%
	1990	1	9	10	10.0%
	1991	2	5	7	28.6%
	1992	3	10	13	23.1%
	1993	9	14	23	39.1%
	1994	1	14	15	6.7%
	1995	2	31	33	6.1%
	1996	3	29	32	9.4%
	1997	5	47	52	9.6%
	1998	8	50	58	13.8%
	1999	13	73	86	15.1%
	2000	16	81	97	16.5%
	2001	22	131	153	14.4%
	2002	10	72	82	12.2%
	2003	21	164	185	11.4%
	2004	6	82	88	6.8%
	2005	14	190	204	6.9%
	2006	9	97	106	8.5%
	2007	15	260	275	5.5%
	2008	22	172	194	11.3%
	2009	0	1	1	0.0%
ST0002467 Total		183	1,541	1,724	10.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002493	1986	0	2	2	0.0%
	1987	9	26	35	25.7%
	1988	5	34	39	12.8%
	1989	3	34	37	8.1%
	1990	13	37	50	26.0%
	1991	6	53	59	10.2%
	1992	3	52	55	5.5%
	1993	11	80	91	12.1%
	1994	6	105	111	5.4%
	1995	19	150	169	11.2%
	1996	21	169	190	11.1%
	1997	20	248	268	7.5%
	1998	29	269	298	9.7%
	1999	46	446	492	9.3%
	2000	54	656	710	7.6%
	2001	65	638	703	9.2%
	2002	32	329	361	8.9%
	2003	58	870	928	6.3%
	2004	12	316	328	3.7%
	2005	27	1,044	1,071	2.5%
	2006	11	270	281	3.9%
	2007	17	955	972	1.7%
	2008	0	77	77	0.0%
ST0002493 Total		467	6,860	7,327	6.4%
ST0002540	1986	0	1	1	0.0%
	1987	6	17	23	26.1%
	1988	8	16	24	33.3%
	1989	5	22	27	18.5%
	1990	3	22	25	12.0%
	1991	0	13	13	0.0%
	1992	2	35	37	5.4%
	1993	7	45	52	13.5%
	1994	7	48	55	12.7%
	1995	8	93	101	7.9%
	1996	9	81	90	10.0%
	1997	18	124	142	12.7%
	1998	28	128	156	17.9%
	1999	23	204	227	10.1%
	2000	35	340	375	9.3%
	2001	30	310	340	8.8%
	2002	23	122	145	15.9%
	2003	41	421	462	8.9%
	2004	11	129	140	7.9%
	2005	21	471	492	4.3%
	2006	7	139	146	4.8%
	2007	11	429	440	2.5%
	2008	8	136	144	5.6%
ST0002540 Total		311	3,346	3,657	8.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
	1986	0	2	2	0.0%
	1987	4	16	20	20.0%
	1988	4	22	26	15.4%
	1989	7	37	44	15.9%
	1990	8	43	51	15.7%
	1991	4	37	41	9.8%
	1992	15	51	66	22.7%
	1993	8	78	86	9.3%
	1994	12	97	109	11.0%
	1995	7	134	141	5.0%
	1996	22	158	180	12.2%
ST0002560	1997	24	224	248	9.7%
	1998	41	273	314	13.1%
	1999	52	393	445	11.7%
	2000	99	577	676	14.6%
	2001	91	605	696	13.1%
	2002	54	291	345	15.7%
	2003	72	844	916	7.9%
	2004	26	276	302	8.6%
	2005	40	903	943	4.2%
	2006	25	255	280	8.9%
	2007	26	971	997	2.6%
	2008	23	254	277	8.3%
ST0002560 Total		664	6,541	7,205	9.2%
	1985	0	1	1	0.0%
	1987	2	21	23	8.7%
	1988	6	12	18	33.3%
	1989	5	26	31	16.1%
	1990	5	26	31	16.1%
	1991	4	39	43	9.3%
	1992	4	55	59	6.8%
	1993	10	59	69	14.5%
	1994	20	70	90	22.2%
	1995	18	114	132	13.6%
	1996	21	96	117	17.9%
ST0002573	1997	27	136	163	16.6%
	1998	34	148	182	18.7%
	1999	33	229	262	12.6%
	2000	53	309	362	14.6%
	2001	45	275	320	14.1%
	2002	18	154	172	10.5%
	2003	49	369	418	11.7%
	2004	19	150	169	11.2%
	2005	24	400	424	5.7%
	2006	9	156	165	5.5%
	2007	12	411	423	2.8%
	2008	18	104	122	14.8%
ST0002573 Total		436	3,360	3,796	11.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002578	1987	4	2	6	66.7%
	1988	2	4	6	33.3%
	1989	3	7	10	30.0%
	1990	1	12	13	7.7%
	1991	1	11	12	8.3%
	1992	2	14	16	12.5%
	1993	3	21	24	12.5%
	1994	1	22	23	4.3%
	1995	3	35	38	7.9%
	1996	7	43	50	14.0%
	1997	6	52	58	10.3%
	1998	11	61	72	15.3%
	1999	18	118	136	13.2%
	2000	28	149	177	15.8%
	2001	30	179	209	14.4%
	2002	6	103	109	5.5%
	2003	20	247	267	7.5%
	2004	9	141	150	6.0%
	2005	25	349	374	6.7%
	2006	12	147	159	7.5%
	2007	26	440	466	5.6%
	2008	22	234	256	8.6%
ST0002578 Total		240	2,391	2,631	9.1%
ST0002593	1985	0	1	1	0.0%
	1986	0	1	1	0.0%
	1987	3	19	22	13.6%
	1988	9	21	30	30.0%
	1989	1	30	31	3.2%
	1990	5	25	30	16.7%
	1991	12	42	54	22.2%
	1992	8	42	50	16.0%
	1993	6	61	67	9.0%
	1994	4	91	95	4.2%
	1995	9	126	135	6.7%
	1996	19	107	126	15.1%
	1997	41	185	226	18.1%
	1998	40	190	230	17.4%
	1999	40	271	311	12.9%
	2000	56	421	477	11.7%
	2001	76	386	462	16.5%
	2002	34	219	253	13.4%
	2003	35	455	490	7.1%
	2004	28	220	248	11.3%
	2005	27	509	536	5.0%
	2006	15	162	177	8.5%
	2007	8	459	467	1.7%
	2008	1	106	107	0.9%
ST0002593 Total		477	4,149	4,626	10.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002603	1987	0	3	3	0.0%
	1988	2	9	11	18.2%
	1989	1	6	7	14.3%
	1990	0	2	2	0.0%
	1991	2	7	9	22.2%
	1992	1	14	15	6.7%
	1993	4	13	17	23.5%
	1994	4	28	32	12.5%
	1995	2	37	39	5.1%
	1996	6	37	43	14.0%
	1997	10	51	61	16.4%
	1998	13	62	75	17.3%
	1999	18	92	110	16.4%
	2000	11	129	140	7.9%
	2001	13	104	117	11.1%
	2002	10	57	67	14.9%
	2003	14	180	194	7.2%
	2004	5	50	55	9.1%
	2005	11	209	220	5.0%
	2006	3	56	59	5.1%
	2007	6	189	195	3.1%
	2008	1	12	13	7.7%
ST0002603 Total		137	1,347	1,484	9.2%
ST0002631	1987	1	3	4	25.0%
	1988	0	8	8	0.0%
	1989	1	10	11	9.1%
	1990	4	10	14	28.6%
	1991	3	9	12	25.0%
	1992	1	16	17	5.9%
	1993	2	14	16	12.5%
	1994	2	33	35	5.7%
	1995	5	33	38	13.2%
	1996	7	45	52	13.5%
	1997	10	59	69	14.5%
	1998	12	72	84	14.3%
	1999	16	103	119	13.4%
	2000	10	155	165	6.1%
	2001	14	147	161	8.7%
	2002	8	56	64	12.5%
	2003	12	173	185	6.5%
	2004	6	72	78	7.7%
	2005	11	203	214	5.1%
	2006	7	52	59	11.9%
	2007	6	183	189	3.2%
	2008	0	16	16	0.0%
ST0002631 Total		138	1,472	1,610	8.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002651	1987	0	7	7	0.0%
	1988	2	10	12	16.7%
	1989	3	7	10	30.0%
	1990	0	4	4	0.0%
	1991	2	15	17	11.8%
	1992	4	21	25	16.0%
	1993	3	14	17	17.6%
	1994	8	41	49	16.3%
	1995	5	48	53	9.4%
	1996	5	33	38	13.2%
	1997	6	53	59	10.2%
	1998	5	43	48	10.4%
	1999	7	77	84	8.3%
	2000	12	101	113	10.6%
	2001	12	112	124	9.7%
	2002	5	49	54	9.3%
	2003	13	169	182	7.1%
	2004	5	53	58	8.6%
	2005	10	208	218	4.6%
	2006	6	63	69	8.7%
	2007	3	190	193	1.6%
	2008	0	15	15	0.0%
ST0002651 Total		116	1,333	1,449	8.0%
ST0002652	1981	0	1	1	0
	1986	2	2	4	50.0%
	1987	3	19	22	13.6%
	1988	5	32	37	13.5%
	1989	7	41	48	14.6%
	1990	7	34	41	17.1%
	1991	7	56	63	11.1%
	1992	7	43	50	14.0%
	1993	10	91	101	9.9%
	1994	15	141	156	9.6%
	1995	16	167	183	8.7%
	1996	27	174	201	13.4%
	1997	48	229	277	17.3%
	1998	44	293	337	13.1%
	1999	41	363	404	10.1%
	2000	61	615	676	9.0%
	2001	72	611	683	10.5%
	2002	35	237	272	12.9%
	2003	60	689	749	8.0%
	2004	37	206	243	15.2%
	2005	50	779	829	6.0%
	2006	15	204	219	6.8%
	2007	15	744	759	2.0%
	2008	1	50	51	2.0%
ST0002652 Total		585	5,821	6,406	9.1%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002672	1987	17	38	55	30.9%
	1988	11	31	42	26.2%
	1989	14	47	61	23.0%
	1990	7	51	58	12.1%
	1991	6	36	42	14.3%
	1992	6	60	66	9.1%
	1993	25	86	111	22.5%
	1994	21	130	151	13.9%
	1995	21	211	232	9.1%
	1996	32	204	236	13.6%
	1997	55	381	436	12.6%
	1998	50	378	428	11.7%
	1999	62	535	597	10.4%
	2000	112	888	1,000	11.2%
	2001	109	848	957	11.4%
	2002	54	358	412	13.1%
	2003	101	1,199	1,300	7.8%
	2004	33	394	427	7.7%
	2005	75	1,246	1,321	5.7%
	2006	20	327	347	5.8%
	2007	25	1,200	1,225	2.0%
	2008	7	130	137	5.1%
ST0002672 Total		863	8,778	9,641	9.0%
ST0002722	1987	7	11	18	38.9%
	1988	3	13	16	18.8%
	1989	2	7	9	22.2%
	1990	5	11	16	31.3%
	1991	8	25	33	24.2%
	1992	4	17	21	19.0%
	1993	2	36	38	5.3%
	1994	3	54	57	5.3%
	1995	9	50	59	15.3%
	1996	5	46	51	9.8%
	1997	10	93	103	9.7%
	1998	16	93	109	14.7%
	1999	15	152	167	9.0%
	2000	23	196	219	10.5%
	2001	26	257	283	9.2%
	2002	17	108	125	13.6%
	2003	28	357	385	7.3%
	2004	10	131	141	7.1%
	2005	18	422	440	4.1%
	2006	3	98	101	3.0%
	2007	6	420	426	1.4%
	2008	0	25	25	0.0%
ST0002722 Total		220	2,622	2,842	7.7%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002740	1986	0	1	1	0.0%
	1987	7	15	22	31.8%
	1988	1	18	19	5.3%
	1989	1	23	24	4.2%
	1990	12	31	43	27.9%
	1991	6	23	29	20.7%
	1992	4	37	41	9.8%
	1993	6	49	55	10.9%
	1994	8	74	82	9.8%
	1995	9	130	139	6.5%
	1996	16	100	116	13.8%
	1997	38	157	195	19.5%
	1998	26	205	231	11.3%
	1999	47	268	315	14.9%
	2000	53	388	441	12.0%
	2001	68	420	488	13.9%
	2002	26	181	207	12.6%
	2003	48	572	620	7.7%
	2004	23	191	214	10.7%
	2005	26	619	645	4.0%
	2006	4	173	177	2.3%
	2007	19	623	642	3.0%
	2008	1	54	55	1.8%
ST0002740 Total		449	4,352	4,801	9.4%
ST0002744	1987	3	32	35	8.6%
	1988	19	37	56	33.9%
	1989	7	39	46	15.2%
	1990	13	53	66	19.7%
	1991	13	43	56	23.2%
	1992	12	67	79	15.2%
	1993	12	91	103	11.7%
	1994	17	138	155	11.0%
	1995	9	183	192	4.7%
	1996	26	177	203	12.8%
	1997	45	259	304	14.8%
	1998	39	260	299	13.0%
	1999	60	377	437	13.7%
	2000	84	622	706	11.9%
	2001	86	586	672	12.8%
	2002	33	236	269	12.3%
	2003	70	777	847	8.3%
	2004	31	231	262	11.8%
	2005	49	799	848	5.8%
	2006	14	180	194	7.2%
	2007	16	752	768	2.1%
	2008	3	63	66	4.5%
ST0002744 Total		661	6,002	6,663	9.9%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0002822	1986	3	2	5	60.0%
	1987	12	26	38	31.6%
	1988	16	51	67	23.9%
	1989	8	42	50	16.0%
	1990	10	49	59	16.9%
	1991	12	56	68	17.6%
	1992	19	88	107	17.8%
	1993	30	124	154	19.5%
	1994	22	174	196	11.2%
	1995	29	240	269	10.8%
	1996	58	204	262	22.1%
	1997	72	309	381	18.9%
	1998	61	326	387	15.8%
	1999	64	405	469	13.6%
	2000	105	660	765	13.7%
	2001	128	630	758	16.9%
	2002	55	322	377	14.6%
	2003	92	714	806	11.4%
	2004	34	292	326	10.4%
	2005	49	796	845	5.8%
	2006	14	245	259	5.4%
	2007	40	771	811	4.9%
	2008	47	263	310	15.2%
	2009	0	2	2	0.0%
ST0002822 Total		980	6,791	7,771	12.6%
ST0002830	1987	2	8	10	20.0%
	1988	4	26	30	13.3%
	1989	5	15	20	25.0%
	1990	4	17	21	19.0%
	1991	4	27	31	12.9%
	1992	4	29	33	12.1%
	1993	4	48	52	7.7%
	1994	3	57	60	5.0%
	1995	8	77	85	9.4%
	1996	15	84	99	15.2%
	1997	17	113	130	13.1%
	1998	29	129	158	18.4%
	1999	30	178	208	14.4%
	2000	44	289	333	13.2%
	2001	48	290	338	14.2%
	2002	28	130	158	17.7%
	2003	31	318	349	8.9%
	2004	9	111	120	7.5%
	2005	40	387	427	9.4%
	2006	8	117	125	6.4%
	2007	13	391	404	3.2%
	2008	5	47	52	9.6%
ST0002830 Total		355	2,888	3,243	10.9%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002880	1986	0	2	2	0.0%
	1987	6	40	46	13.0%
	1988	5	34	39	12.8%
	1989	4	61	65	6.2%
	1990	7	57	64	10.9%
	1991	11	68	79	13.9%
	1992	10	84	94	10.6%
	1993	9	108	117	7.7%
	1994	21	176	197	10.7%
	1995	19	220	239	7.9%
	1996	41	214	255	16.1%
	1997	48	326	374	12.8%
	1998	60	307	367	16.3%
	1999	61	429	490	12.4%
	2000	89	685	774	11.5%
	2001	82	667	749	10.9%
	2002	54	290	344	15.7%
	2003	75	824	899	8.3%
	2004	28	242	270	10.4%
	2005	45	846	891	5.1%
	2006	10	230	240	4.2%
	2007	23	775	798	2.9%
	2008	5	78	83	6.0%
ST0002880 Total		713	6,763	7,476	9.5%
ST0002884	1987	4	28	32	12.5%
	1988	2	17	19	10.5%
	1989	5	33	38	13.2%
	1990	4	25	29	13.8%
	1991	2	23	25	8.0%
	1992	4	22	26	15.4%
	1993	7	35	42	16.7%
	1994	3	66	69	4.3%
	1995	7	89	96	7.3%
	1996	10	71	81	12.3%
	1997	15	104	119	12.6%
	1998	17	134	151	11.3%
	1999	19	184	203	9.4%
	2000	36	342	378	9.5%
	2001	41	359	400	10.3%
	2002	17	108	125	13.6%
	2003	16	415	431	3.7%
	2004	12	146	158	7.6%
	2005	26	490	516	5.0%
	2006	3	123	126	2.4%
	2007	5	441	446	1.1%
	2008	2	42	44	4.5%
ST0002884 Total		257	3,297	3,554	7.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002903	1987	5	10	15	33.3%
	1988	2	16	18	11.1%
	1989	9	15	24	37.5%
	1990	3	23	26	11.5%
	1991	4	17	21	19.0%
	1992	7	29	36	19.4%
	1993	7	49	56	12.5%
	1994	6	43	49	12.2%
	1995	10	81	91	11.0%
	1996	11	78	89	12.4%
	1997	20	106	126	15.9%
	1998	23	118	141	16.3%
	1999	24	142	166	14.5%
	2000	33	179	212	15.6%
	2001	30	139	169	17.8%
	2002	22	87	109	20.2%
	2003	15	177	192	7.8%
	2004	8	73	81	9.9%
	2005	11	148	159	6.9%
	2006	3	58	61	4.9%
	2007	3	144	147	2.0%
	2008	0	36	36	0.0%
ST0002903 Total		256	1,768	2,024	12.6%
ST0002915	1987	12	28	40	30.0%
	1988	7	27	34	20.6%
	1989	10	32	42	23.8%
	1990	3	29	32	9.4%
	1991	4	37	41	9.8%
	1992	9	44	53	17.0%
	1993	12	78	90	13.3%
	1994	7	110	117	6.0%
	1995	18	161	179	10.1%
	1996	26	147	173	15.0%
	1997	34	222	256	13.3%
	1998	45	274	319	14.1%
	1999	51	313	364	14.0%
	2000	57	492	549	10.4%
	2001	68	535	603	11.3%
	2002	29	234	263	11.0%
	2003	63	662	725	8.7%
	2004	22	251	273	8.1%
	2005	32	716	748	4.3%
	2006	19	218	237	8.0%
	2007	16	647	663	2.4%
	2008	4	93	97	4.1%
ST0002915 Total		548	5,350	5,898	9.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0002919	1985	0	1	1	0.0%
	1986	0	1	1	0.0%
	1987	3	7	10	30.0%
	1988	1	12	13	7.7%
	1989	5	12	17	29.4%
	1990	1	10	11	9.1%
	1991	8	8	16	50.0%
	1992	4	23	27	14.8%
	1993	7	26	33	21.2%
	1994	14	57	71	19.7%
	1995	2	53	55	3.6%
	1996	14	68	82	17.1%
	1997	30	95	125	24.0%
	1998	14	99	113	12.4%
	1999	33	113	146	22.6%
	2000	30	213	243	12.3%
	2001	41	175	216	19.0%
	2002	20	117	137	14.6%
	2003	28	246	274	10.2%
	2004	13	110	123	10.6%
	2005	13	255	268	4.9%
	2006	7	111	118	5.9%
	2007	7	278	285	2.5%
	2008	2	48	50	4.0%
ST0002919 Total		297	2,138	2,435	12.2%
ST0002955	1987	5	9	14	35.7%
	1988	4	12	16	25.0%
	1989	2	10	12	16.7%
	1990	2	12	14	14.3%
	1991	2	14	16	12.5%
	1992	7	29	36	19.4%
	1993	19	49	68	27.9%
	1994	10	61	71	14.1%
	1995	19	65	84	22.6%
	1996	40	76	116	34.5%
	1997	46	112	158	29.1%
	1998	29	109	138	21.0%
	1999	40	151	191	20.9%
	2000	55	205	260	21.2%
	2001	51	178	229	22.3%
	2002	30	113	143	21.0%
	2003	30	173	203	14.8%
	2004	15	94	109	13.8%
	2005	19	175	194	9.8%
	2006	4	79	83	4.8%
	2007	5	152	157	3.2%
	2008	1	26	27	3.7%
ST0002955 Total		435	1,904	2,339	18.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0002964	1986	1	1	2	50.0%
	1987	6	23	29	20.7%
	1988	11	39	50	22.0%
	1989	12	43	55	21.8%
	1990	6	54	60	10.0%
	1991	11	51	62	17.7%
	1992	15	63	78	19.2%
	1993	17	111	128	13.3%
	1994	9	150	159	5.7%
	1995	21	193	214	9.8%
	1996	43	193	236	18.2%
	1997	85	328	413	20.6%
	1998	96	342	438	21.9%
	1999	101	403	504	20.0%
	2000	135	631	766	17.6%
	2001	133	644	777	17.1%
	2002	73	342	415	17.6%
	2003	90	758	848	10.6%
	2004	34	319	353	9.6%
	2005	47	780	827	5.7%
	2006	22	250	272	8.1%
	2007	29	740	769	3.8%
	2008	13	193	206	6.3%
ST0002964 Total		1,010	6,651	7,661	13.2%
ST0002975	1987	0	3	3	0.0%
	1988	1	3	4	25.0%
	1989	0	5	5	0.0%
	1990	2	6	8	25.0%
	1991	1	8	9	11.1%
	1992	1	13	14	7.1%
	1993	5	13	18	27.8%
	1994	4	19	23	17.4%
	1995	1	23	24	4.2%
	1996	6	23	29	20.7%
	1997	12	39	51	23.5%
	1998	8	41	49	16.3%
	1999	10	66	76	13.2%
	2000	20	93	113	17.7%
	2001	20	112	132	15.2%
	2002	6	54	60	10.0%
	2003	7	125	132	5.3%
	2004	10	80	90	11.1%
	2005	10	163	173	5.8%
	2006	6	74	80	7.5%
	2007	5	201	206	2.4%
	2008	3	50	53	5.7%
ST0002975 Total		138	1,214	1,352	10.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0003004	1987	1	8	9	11.1%
	1988	4	17	21	19.0%
	1989	1	14	15	6.7%
	1990	6	10	16	37.5%
	1991	4	17	21	19.0%
	1992	6	33	39	15.4%
	1993	5	32	37	13.5%
	1994	16	52	68	23.5%
	1995	16	66	82	19.5%
	1996	23	68	91	25.3%
	1997	17	96	113	15.0%
	1998	15	87	102	14.7%
	1999	30	133	163	18.4%
	2000	27	135	162	16.7%
	2001	31	86	117	26.5%
	2002	15	94	109	13.8%
	2003	18	161	179	10.1%
	2004	11	80	91	12.1%
	2005	8	168	176	4.5%
	2006	6	61	67	9.0%
	2007	14	197	211	6.6%
	2008	18	140	158	11.4%
ST0003004 Total		292	1,755	2,047	14.3%
ST0003102	1986	2	1	3	66.7%
	1987	4	13	17	23.5%
	1988	4	14	18	22.2%
	1989	9	24	33	27.3%
	1990	5	19	24	20.8%
	1991	7	27	34	20.6%
	1992	10	24	34	29.4%
	1993	8	51	59	13.6%
	1994	8	88	96	8.3%
	1995	20	121	141	14.2%
	1996	37	110	147	25.2%
	1997	46	157	203	22.7%
	1998	46	149	195	23.6%
	1999	48	235	283	17.0%
	2000	71	282	353	20.1%
	2001	63	268	331	19.0%
	2002	35	179	214	16.4%
	2003	50	357	407	12.3%
	2004	27	146	173	15.6%
	2005	30	341	371	8.1%
	2006	8	97	105	7.6%
	2007	5	319	324	1.5%
	2008	2	40	42	4.8%
ST0003102 Total		545	3,062	3,607	15.1%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0003106	1986	0	1	1	0.0%
	1987	3	7	10	30.0%
	1988	1	6	7	14.3%
	1989	10	8	18	55.6%
	1990	4	11	15	26.7%
	1991	1	12	13	7.7%
	1992	10	28	38	26.3%
	1993	7	25	32	21.9%
	1994	6	56	62	9.7%
	1995	6	67	73	8.2%
	1996	16	53	69	23.2%
	1997	19	73	92	20.7%
	1998	21	72	93	22.6%
	1999	17	84	101	16.8%
	2000	30	169	199	15.1%
	2001	23	162	185	12.4%
	2002	17	80	97	17.5%
	2003	21	167	188	11.2%
	2004	9	49	58	15.5%
	2005	9	147	156	5.8%
	2006	6	45	51	11.8%
	2007	11	139	150	7.3%
	2008	0	12	12	0.0%
ST0003106 Total		247	1,473	1,720	14.4%
ST0003107	1987	12	31	43	27.9%
	1988	11	45	56	19.6%
	1989	16	53	69	23.2%
	1990	5	47	52	9.6%
	1991	12	47	59	20.3%
	1992	17	81	98	17.3%
	1993	26	107	133	19.5%
	1994	21	159	180	11.7%
	1995	36	223	259	13.9%
	1996	65	258	323	20.1%
	1997	102	326	428	23.8%
	1998	78	350	428	18.2%
	1999	75	459	534	14.0%
	2000	108	683	791	13.7%
	2001	113	657	770	14.7%
	2002	64	309	373	17.2%
	2003	67	638	705	9.5%
	2004	28	253	281	10.0%
	2005	31	607	638	4.9%
	2006	14	152	166	8.4%
	2007	10	497	507	2.0%
	2008	2	39	41	4.9%
ST0003107 Total		913	6,021	6,934	13.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0003176	1987	7	9	16	43.8%
	1988	6	21	27	22.2%
	1989	15	24	39	38.5%
	1990	5	26	31	16.1%
	1991	5	31	36	13.9%
	1992	9	38	47	19.1%
	1993	8	56	64	12.5%
	1994	8	67	75	10.7%
	1995	13	108	121	10.7%
	1996	18	87	105	17.1%
	1997	36	153	189	19.0%
	1998	52	161	213	24.4%
	1999	42	245	287	14.6%
	2000	46	346	392	11.7%
	2001	60	313	373	16.1%
	2002	44	156	200	22.0%
	2003	53	357	410	12.9%
	2004	22	173	195	11.3%
	2005	24	373	397	6.0%
	2006	7	149	156	4.5%
	2007	23	398	421	5.5%
	2008	1	64	65	1.5%
ST0003176 Total		504	3,355	3,859	13.1%
ST0003190	1987	2	15	17	11.8%
	1988	3	20	23	13.0%
	1989	4	21	25	16.0%
	1990	5	30	35	14.3%
	1991	3	30	33	9.1%
	1992	8	37	45	17.8%
	1993	6	56	62	9.7%
	1994	8	87	95	8.4%
	1995	10	133	143	7.0%
	1996	14	138	152	9.2%
	1997	30	190	220	13.6%
	1998	29	213	242	12.0%
	1999	44	339	383	11.5%
	2000	63	529	592	10.6%
	2001	69	527	596	11.6%
	2002	32	286	318	10.1%
	2003	54	809	863	6.3%
	2004	19	247	266	7.1%
	2005	36	882	918	3.9%
	2006	9	265	274	3.3%
	2007	20	989	1,009	2.0%
	2008	0	103	103	0.0%
ST0003190 Total		468	5,946	6,414	7.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0003192	1987	24	50	74	32.4%
	1988	20	69	89	22.5%
	1989	33	89	122	27.0%
	1990	25	87	112	22.3%
	1991	36	120	156	23.1%
	1992	55	141	196	28.1%
	1993	53	212	265	20.0%
	1994	58	323	381	15.2%
	1995	73	485	558	13.1%
	1996	135	424	559	24.2%
	1997	155	645	800	19.4%
	1998	179	692	871	20.6%
	1999	224	933	1,157	19.4%
	2000	239	1,178	1,417	16.9%
	2001	233	1,075	1,308	17.8%
	2002	171	733	904	18.9%
	2003	141	1,294	1,435	9.8%
	2004	87	709	796	10.9%
	2005	70	1,255	1,325	5.3%
	2006	40	513	553	7.2%
	2007	44	1,106	1,150	3.8%
	2008	22	362	384	5.7%
	2009	0	1	1	0.0%
ST0003192 Total		2,117	12,496	14,613	14.5%
ST0003225	1987	7	8	15	46.7%
	1988	10	16	26	38.5%
	1989	5	10	15	33.3%
	1990	8	28	36	22.2%
	1991	14	24	38	36.8%
	1992	10	42	52	19.2%
	1993	12	51	63	19.0%
	1994	19	85	104	18.3%
	1995	24	126	150	16.0%
	1996	72	110	182	39.6%
	1997	89	178	267	33.3%
	1998	91	193	284	32.0%
	1999	92	252	344	26.7%
	2000	107	276	383	27.9%
	2001	108	249	357	30.3%
	2002	78	200	278	28.1%
	2003	47	214	261	18.0%
	2004	21	135	156	13.5%
	2005	24	165	189	12.7%
	2006	12	66	78	15.4%
	2007	5	118	123	4.1%
	2008	5	27	32	15.6%
ST0003225 Total		860	2,573	3,433	25.1%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0003253	1987	5	11	16	31.3%
	1988	3	11	14	21.4%
	1989	2	18	20	10.0%
	1990	1	15	16	6.3%
	1991	6	19	25	24.0%
	1992	4	21	25	16.0%
	1993	7	26	33	21.2%
	1994	4	41	45	8.9%
	1995	6	80	86	7.0%
	1996	15	57	72	20.8%
	1997	13	99	112	11.6%
	1998	17	109	126	13.5%
	1999	23	173	196	11.7%
	2000	42	320	362	11.6%
	2001	34	291	325	10.5%
	2002	21	127	148	14.2%
	2003	22	387	409	5.4%
	2004	11	157	168	6.5%
	2005	21	507	528	4.0%
	2006	8	148	156	5.1%
	2007	15	473	488	3.1%
	2008	11	96	107	10.3%
ST0003253 Total		291	3,186	3,477	8.4%
ST0003292	1987	2	16	18	11.1%
	1988	2	22	24	8.3%
	1989	5	33	38	13.2%
	1990	3	37	40	7.5%
	1991	9	40	49	18.4%
	1992	5	43	48	10.4%
	1993	8	73	81	9.9%
	1994	18	131	149	12.1%
	1995	20	164	184	10.9%
	1996	36	134	170	21.2%
	1997	50	183	233	21.5%
	1998	60	221	281	21.4%
	1999	75	297	372	20.2%
	2000	80	462	542	14.8%
	2001	72	402	474	15.2%
	2002	34	193	227	15.0%
	2003	49	428	477	10.3%
	2004	22	154	176	12.5%
	2005	24	449	473	5.1%
	2006	12	124	136	8.8%
	2007	19	358	377	5.0%
	2008	1	35	36	2.8%
ST0003292 Total		606	3,999	4,605	13.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0003406	1986	1	0	1	100.0%
	1987	13	21	34	38.2%
	1988	8	29	37	21.6%
	1989	16	52	68	23.5%
	1990	22	43	65	33.8%
	1991	24	68	92	26.1%
	1992	28	96	124	22.6%
	1993	23	113	136	16.9%
	1994	35	199	234	15.0%
	1995	47	226	273	17.2%
	1996	98	219	317	30.9%
	1997	117	255	372	31.5%
	1998	100	287	387	25.8%
	1999	131	336	467	28.1%
	2000	139	379	518	26.8%
	2001	115	285	400	28.8%
	2002	69	217	286	24.1%
	2003	60	269	329	18.2%
	2004	28	147	175	16.0%
	2005	26	171	197	13.2%
	2006	17	96	113	15.0%
	2007	7	157	164	4.3%
	2008	8	51	59	13.6%
ST0003406 Total		1,132	3,716	4,848	23.3%
ST0003432	1985	1	0	1	100.0%
	1986	2	0	2	100.0%
	1987	14	34	48	29.2%
	1988	17	61	78	21.8%
	1989	26	91	117	22.2%
	1990	43	86	129	33.3%
	1991	34	120	154	22.1%
	1992	91	172	263	34.6%
	1993	58	253	311	18.6%
	1994	75	352	427	17.6%
	1995	59	441	500	11.8%
	1996	181	408	589	30.7%
	1997	254	555	809	31.4%
	1998	200	585	785	25.5%
	1999	255	715	970	26.3%
	2000	301	977	1,278	23.6%
	2001	282	823	1,105	25.5%
	2002	197	603	800	24.6%
	2003	161	805	966	16.7%
	2004	94	466	560	16.8%
	2005	91	740	831	11.0%
	2006	44	316	360	12.2%
	2007	31	644	675	4.6%
	2008	13	142	155	8.4%
ST0003432 Total		2,524	9,389	11,913	21.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
	1986	0	1	1	0.0%
	1987	9	30	39	23.1%
	1988	13	30	43	30.2%
	1989	6	29	35	17.1%
	1990	6	46	52	11.5%
	1991	5	43	48	10.4%
	1992	8	58	66	12.1%
	1993	7	76	83	8.4%
	1994	10	108	118	8.5%
	1995	18	170	188	9.6%
	1996	31	183	214	14.5%
ST0003437	1997	40	274	314	12.7%
	1998	50	320	370	13.5%
	1999	53	462	515	10.3%
	2000	76	679	755	10.1%
	2001	80	671	751	10.7%
	2002	49	281	330	14.8%
	2003	88	892	980	9.0%
	2004	40	343	383	10.4%
	2005	53	1,010	1,063	5.0%
	2006	15	292	307	4.9%
	2007	24	1,016	1,040	2.3%
	2008	1	72	73	1.4%
ST0003437 Total		682	7,086	7,768	8.8%
	1986	1	1	2	50.0%
	1987	11	29	40	27.5%
	1988	14	47	61	23.0%
	1989	18	50	68	26.5%
	1990	30	84	114	26.3%
	1991	30	98	128	23.4%
	1992	59	144	203	29.1%
	1993	44	210	254	17.3%
	1994	59	337	396	14.9%
	1995	59	451	510	11.6%
	1996	210	504	714	29.4%
ST0003449	1997	292	623	915	31.9%
	1998	275	742	1,017	27.0%
	1999	346	945	1,291	26.8%
	2000	374	1,226	1,600	23.4%
	2001	388	1,118	1,506	25.8%
	2002	248	745	993	25.0%
	2003	195	1,066	1,261	15.5%
	2004	125	642	767	16.3%
	2005	114	975	1,089	10.5%
	2006	43	472	515	8.3%
	2007	44	777	821	5.4%
	2008	24	267	291	8.2%
ST0003449 Total		3,003	11,553	14,556	20.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0003458	1986	0	1	1	0.0%
	1987	4	24	28	14.3%
	1988	3	31	34	8.8%
	1989	2	29	31	6.5%
	1990	6	51	57	10.5%
	1991	1	28	29	3.4%
	1992	10	46	56	17.9%
	1993	4	75	79	5.1%
	1994	6	100	106	5.7%
	1995	10	148	158	6.3%
	1996	17	163	180	9.4%
	1997	23	253	276	8.3%
	1998	19	254	273	7.0%
	1999	35	330	365	9.6%
	2000	46	615	661	7.0%
	2001	59	694	753	7.8%
	2002	25	255	280	8.9%
	2003	71	927	998	7.1%
	2004	14	239	253	5.5%
	2005	30	1,022	1,052	2.9%
	2006	7	185	192	3.6%
	2007	14	1,052	1,066	1.3%
	2008	2	69	71	2.8%
ST0003458 Total		408	6,591	6,999	5.8%
ST0003475	1987	2	7	9	22.2%
	1988	0	3	3	0.0%
	1989	3	4	7	42.9%
	1990	0	2	2	0.0%
	1991	1	10	11	9.1%
	1992	5	12	17	29.4%
	1993	6	26	32	18.8%
	1994	6	27	33	18.2%
	1995	4	36	40	10.0%
	1996	11	44	55	20.0%
	1997	14	74	88	15.9%
	1998	19	69	88	21.6%
	1999	22	100	122	18.0%
	2000	28	140	168	16.7%
	2001	32	151	183	17.5%
	2002	12	85	97	12.4%
	2003	26	204	230	11.3%
	2004	11	84	95	11.6%
	2005	16	200	216	7.4%
	2006	6	90	96	6.3%
	2007	9	250	259	3.5%
	2008	3	30	33	9.1%
ST0003475 Total		236	1,648	1,884	12.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
	1986	0	1	1	0.0%
	1987	1	8	9	11.1%
	1988	6	22	28	21.4%
	1989	0	17	17	0.0%
	1990	9	25	34	26.5%
	1991	6	19	25	24.0%
	1992	5	42	47	10.6%
	1993	3	37	40	7.5%
	1994	7	64	71	9.9%
	1995	10	76	86	11.6%
	1996	11	78	89	12.4%
ST0003483	1997	20	98	118	16.9%
	1998	21	126	147	14.3%
	1999	19	177	196	9.7%
	2000	35	258	293	11.9%
	2001	43	283	326	13.2%
	2002	19	137	156	12.2%
	2003	38	373	411	9.2%
	2004	15	134	149	10.1%
	2005	23	339	362	6.4%
	2006	8	107	115	7.0%
	2007	16	399	415	3.9%
	2008	1	47	48	2.1%
ST0003483 Total		316	2,867	3,183	9.9%
	1987	5	35	40	12.5%
	1988	7	45	52	13.5%
	1989	10	56	66	15.2%
	1990	15	69	84	17.9%
	1991	18	87	105	17.1%
	1992	20	116	136	14.7%
	1993	32	134	166	19.3%
	1994	45	234	279	16.1%
	1995	33	309	342	9.6%
	1996	77	293	370	20.8%
	1997	88	414	502	17.5%
ST0003498	1998	93	450	543	17.1%
	1999	104	577	681	15.3%
	2000	121	766	887	13.6%
	2001	110	673	783	14.0%
	2002	57	431	488	11.7%
	2003	50	711	761	6.6%
	2004	28	376	404	6.9%
	2005	37	746	783	4.7%
	2006	14	322	336	4.2%
	2007	20	596	616	3.2%
	2008	5	177	182	2.7%
	2009	0	1	1	0.0%
ST0003498 Total		989	7,618	8,607	11.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0003548	1987	12	33	45	26.7%
	1988	18	69	87	20.7%
	1989	13	70	83	15.7%
	1990	17	76	93	18.3%
	1991	16	109	125	12.8%
	1992	21	108	129	16.3%
	1993	35	166	201	17.4%
	1994	43	254	297	14.5%
	1995	35	340	375	9.3%
	1996	91	358	449	20.3%
	1997	139	513	652	21.3%
	1998	134	522	656	20.4%
	1999	139	677	816	17.0%
	2000	124	879	1,003	12.4%
	2001	198	794	992	20.0%
	2002	109	494	603	18.1%
	2003	105	865	970	10.8%
	2004	58	451	509	11.4%
	2005	70	960	1,030	6.8%
	2006	27	355	382	7.1%
	2007	34	792	826	4.1%
	2008	5	136	141	3.5%
ST0003548 Total		1,443	9,021	10,464	13.8%
ST0003587	1987	1	2	3	33.3%
	1988	0	3	3	0.0%
	1989	1	4	5	20.0%
	1990	0	1	1	0.0%
	1991	1	3	4	25.0%
	1992	1	7	8	12.5%
	1993	0	3	3	0.0%
	1994	3	15	18	16.7%
	1995	3	16	19	15.8%
	1996	6	17	23	26.1%
	1997	8	21	29	27.6%
	1998	7	35	42	16.7%
	1999	8	41	49	16.3%
	2000	10	71	81	12.3%
	2001	19	63	82	23.2%
	2002	10	39	49	20.4%
	2003	11	72	83	13.3%
	2004	9	47	56	16.1%
	2005	10	126	136	7.4%
	2006	4	36	40	10.0%
	2007	3	136	139	2.2%
	2008	0	7	7	0.0%
ST0003587 Total		115	765	880	13.1%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0003592	1986	0	1	1	0.0%
	1987	7	29	36	19.4%
	1988	7	43	50	14.0%
	1989	8	35	43	18.6%
	1990	13	46	59	22.0%
	1991	10	50	60	16.7%
	1992	20	81	101	19.8%
	1993	18	96	114	15.8%
	1994	13	152	165	7.9%
	1995	22	254	276	8.0%
	1996	74	271	345	21.4%
	1997	86	419	505	17.0%
	1998	78	416	494	15.8%
	1999	91	554	645	14.1%
	2000	159	768	927	17.2%
	2001	137	748	885	15.5%
	2002	67	390	457	14.7%
	2003	81	853	934	8.7%
	2004	36	322	358	10.1%
	2005	54	916	970	5.6%
	2006	15	242	257	5.8%
	2007	16	776	792	2.0%
	2008	3	59	62	4.8%
	2009	0	1	1	0.0%
ST0003592 Total		1,015	7,522	8,537	11.9%
ST0003662	1986	0	1	1	0.0%
	1987	5	22	27	18.5%
	1988	9	28	37	24.3%
	1989	7	29	36	19.4%
	1990	11	36	47	23.4%
	1991	9	40	49	18.4%
	1992	9	59	68	13.2%
	1993	15	74	89	16.9%
	1994	20	117	137	14.6%
	1995	27	165	192	14.1%
	1996	32	170	202	15.8%
	1997	55	220	275	20.0%
	1998	71	254	325	21.8%
	1999	60	344	404	14.9%
	2000	79	444	523	15.1%
	2001	77	411	488	15.8%
	2002	46	252	298	15.4%
	2003	53	471	524	10.1%
	2004	38	252	290	13.1%
	2005	55	632	687	8.0%
	2006	44	233	277	15.9%
	2007	46	572	618	7.4%
	2008	53	364	417	12.7%
ST0003662 Total		821	5,190	6,011	13.7%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0003732	1987	0	4	4	0.0%
	1988	0	2	2	0.0%
	1989	0	4	4	0.0%
	1990	0	3	3	0.0%
	1991	1	2	3	33.3%
	1992	0	4	4	0.0%
	1993	0	5	5	0.0%
	1994	4	9	13	30.8%
	1995	0	10	10	0.0%
	1996	2	10	12	16.7%
	1997	5	23	28	17.9%
	1998	3	21	24	12.5%
	1999	6	33	39	15.4%
	2000	7	55	62	11.3%
	2001	8	52	60	13.3%
	2002	2	18	20	10.0%
	2003	3	63	66	4.5%
	2004	0	12	12	0.0%
	2005	1	69	70	1.4%
	2006	1	21	22	4.5%
	2007	0	71	71	0.0%
	2008	0	1	1	0.0%
ST0003732 Total		43	492	535	8.0%
ST0003739	1987	3	9	12	25.0%
	1988	2	18	20	10.0%
	1989	4	16	20	20.0%
	1990	1	14	15	6.7%
	1991	0	19	19	0.0%
	1992	0	12	12	0.0%
	1993	1	15	16	6.3%
	1994	2	22	24	8.3%
	1995	3	35	38	7.9%
	1996	7	29	36	19.4%
	1997	3	43	46	6.5%
	1998	12	53	65	18.5%
	1999	22	69	91	24.2%
	2000	20	102	122	16.4%
	2001	32	113	145	22.1%
	2002	8	47	55	14.5%
	2003	11	116	127	8.7%
	2004	7	52	59	11.9%
	2005	10	122	132	7.6%
	2006	5	48	53	9.4%
	2007	4	115	119	3.4%
	2008	3	23	26	11.5%
ST0003739 Total		160	1,092	1,252	12.8%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0003746	1987	0	5	5	0.0%
	1988	3	5	8	37.5%
	1989	3	10	13	23.1%
	1990	0	8	8	0.0%
	1991	4	7	11	36.4%
	1992	1	10	11	9.1%
	1993	2	9	11	18.2%
	1994	2	17	19	10.5%
	1995	2	29	31	6.5%
	1996	1	17	18	5.6%
	1997	5	40	45	11.1%
	1998	9	51	60	15.0%
	1999	4	48	52	7.7%
	2000	14	82	96	14.6%
	2001	12	86	98	12.2%
	2002	5	41	46	10.9%
	2003	15	105	120	12.5%
	2004	5	43	48	10.4%
	2005	9	132	141	6.4%
	2006	6	44	50	12.0%
	2007	2	109	111	1.8%
	2008	0	22	22	0.0%
ST0003746 Total		104	920	1,024	10.2%
ST0003759	1987	4	6	10	40.0%
	1988	1	9	10	10.0%
	1989	1	5	6	16.7%
	1990	0	5	5	0.0%
	1991	0	6	6	0.0%
	1992	1	8	9	11.1%
	1993	3	26	29	10.3%
	1994	3	21	24	12.5%
	1995	5	31	36	13.9%
	1996	9	25	34	26.5%
	1997	6	47	53	11.3%
	1998	5	49	54	9.3%
	1999	8	59	67	11.9%
	2000	9	85	94	9.6%
	2001	13	92	105	12.4%
	2002	3	31	34	8.8%
	2003	9	105	114	7.9%
	2004	5	40	45	11.1%
	2005	7	105	112	6.3%
	2006	1	28	29	3.4%
	2007	3	92	95	3.2%
	2008	1	9	10	10.0%
ST0003759 Total		97	884	981	9.9%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0003767	1987	7	25	32	21.9%
	1988	10	30	40	25.0%
	1989	6	37	43	14.0%
	1990	3	34	37	8.1%
	1991	9	48	57	15.8%
	1992	7	53	60	11.7%
	1993	9	92	101	8.9%
	1994	7	132	139	5.0%
	1995	17	185	202	8.4%
	1996	31	195	226	13.7%
	1997	43	280	323	13.3%
	1998	67	308	375	17.9%
	1999	60	427	487	12.3%
	2000	78	656	734	10.6%
	2001	94	627	721	13.0%
	2002	50	284	334	15.0%
	2003	82	862	944	8.7%
	2004	32	286	318	10.1%
	2005	40	967	1,007	4.0%
	2006	16	274	290	5.5%
	2007	25	883	908	2.8%
	2008	0	65	65	0.0%
ST0003767 Total		693	6,750	7,443	9.3%
ST0003876	1987	4	19	23	17.4%
	1988	9	27	36	25.0%
	1989	6	32	38	15.8%
	1990	13	37	50	26.0%
	1991	8	39	47	17.0%
	1992	8	53	61	13.1%
	1993	16	90	106	15.1%
	1994	13	109	122	10.7%
	1995	19	177	196	9.7%
	1996	25	153	178	14.0%
	1997	44	217	261	16.9%
	1998	42	230	272	15.4%
	1999	51	309	360	14.2%
	2000	58	491	549	10.6%
	2001	81	452	533	15.2%
	2002	38	211	249	15.3%
	2003	49	637	686	7.1%
	2004	28	203	231	12.1%
	2005	37	662	699	5.3%
	2006	11	169	180	6.1%
	2007	23	575	598	3.8%
	2008	7	105	112	6.3%
ST0003876 Total		590	4,997	5,587	10.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0003932	1981	0	1	1	0
	1986	0	1	1	0.0%
	1987	2	6	8	25.0%
	1988	2	11	13	15.4%
	1989	3	21	24	12.5%
	1990	2	24	26	7.7%
	1991	6	27	33	18.2%
	1992	6	32	38	15.8%
	1993	12	49	61	19.7%
	1994	5	83	88	5.7%
	1995	11	95	106	10.4%
	1996	10	82	92	10.9%
	1997	23	143	166	13.9%
	1998	18	125	143	12.6%
	1999	20	207	227	8.8%
	2000	38	272	310	12.3%
	2001	40	310	350	11.4%
	2002	12	117	129	9.3%
	2003	26	366	392	6.6%
	2004	6	106	112	5.4%
	2005	14	447	461	3.0%
	2006	4	102	106	3.8%
	2007	17	441	458	3.7%
	2008	4	80	84	4.8%
ST0003932 Total		281	3,148	3,429	8.2%
ST0003937	1987	0	7	7	0.0%
	1988	2	13	15	13.3%
	1989	4	13	17	23.5%
	1990	3	17	20	15.0%
	1991	0	8	8	0.0%
	1992	1	26	27	3.7%
	1993	5	28	33	15.2%
	1994	4	38	42	9.5%
	1995	4	41	45	8.9%
	1996	10	70	80	12.5%
	1997	12	74	86	14.0%
	1998	6	86	92	6.5%
	1999	12	131	143	8.4%
	2000	26	218	244	10.7%
	2001	15	179	194	7.7%
	2002	14	92	106	13.2%
	2003	21	265	286	7.3%
	2004	9	89	98	9.2%
	2005	13	368	381	3.4%
	2006	12	94	106	11.3%
	2007	10	309	319	3.1%
	2008	4	49	53	7.5%
ST0003937 Total		187	2,215	2,402	7.8%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0003939	1987	6	8	14	42.9%
	1988	2	9	11	18.2%
	1989	3	9	12	25.0%
	1990	1	7	8	12.5%
	1991	4	7	11	36.4%
	1992	1	20	21	4.8%
	1993	7	16	23	30.4%
	1994	6	31	37	16.2%
	1995	8	33	41	19.5%
	1996	17	47	64	26.6%
	1997	16	53	69	23.2%
	1998	12	67	79	15.2%
	1999	19	92	111	17.1%
	2000	17	116	133	12.8%
	2001	24	111	135	17.8%
	2002	13	55	68	19.1%
	2003	14	100	114	12.3%
	2004	10	34	44	22.7%
	2005	12	105	117	10.3%
	2006	1	30	31	3.2%
	2007	3	118	121	2.5%
	2008	0	6	6	0.0%
ST0003939 Total		196	1,074	1,270	15.4%
ST0003943	1987	5	34	39	12.8%
	1988	12	50	62	19.4%
	1989	14	44	58	24.1%
	1990	8	52	60	13.3%
	1991	8	55	63	12.7%
	1992	17	64	81	21.0%
	1993	19	123	142	13.4%
	1994	14	124	138	10.1%
	1995	33	216	249	13.3%
	1996	32	188	220	14.5%
	1997	64	282	346	18.5%
	1998	52	287	339	15.3%
	1999	46	385	431	10.7%
	2000	76	495	571	13.3%
	2001	89	527	616	14.4%
	2002	42	221	263	16.0%
	2003	55	599	654	8.4%
	2004	24	220	244	9.8%
	2005	32	558	590	5.4%
	2006	11	145	156	7.1%
	2007	14	490	504	2.8%
	2008	12	162	174	6.9%
ST0003943 Total		679	5,321	6,000	11.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0003976	1987	4	18	22	18.2%
	1988	1	17	18	5.6%
	1989	2	15	17	11.8%
	1990	2	13	15	13.3%
	1991	5	31	36	13.9%
	1992	2	30	32	6.3%
	1993	5	46	51	9.8%
	1994	7	73	80	8.8%
	1995	7	109	116	6.0%
	1996	16	78	94	17.0%
	1997	25	150	175	14.3%
	1998	36	149	185	19.5%
	1999	32	214	246	13.0%
	2000	65	373	438	14.8%
	2001	53	329	382	13.9%
	2002	40	173	213	18.8%
	2003	53	455	508	10.4%
	2004	25	182	207	12.1%
	2005	47	571	618	7.6%
	2006	13	203	216	6.0%
	2007	23	549	572	4.0%
	2008	3	69	72	4.2%
ST0003976 Total		466	3,847	4,313	10.8%
ST0003988	1987	0	14	14	0.0%
	1988	2	12	14	14.3%
	1989	0	11	11	0.0%
	1990	3	22	25	12.0%
	1991	2	19	21	9.5%
	1992	0	21	21	0.0%
	1993	2	34	36	5.6%
	1994	5	44	49	10.2%
	1995	3	68	71	4.2%
	1996	7	55	62	11.3%
	1997	18	130	148	12.2%
	1998	16	119	135	11.9%
	1999	14	194	208	6.7%
	2000	22	305	327	6.7%
	2001	51	322	373	13.7%
	2002	20	127	147	13.6%
	2003	28	433	461	6.1%
	2004	6	109	115	5.2%
	2005	25	489	514	4.9%
	2006	11	146	157	7.0%
	2007	19	511	530	3.6%
	2008	26	408	434	6.0%
ST0003988 Total		280	3,593	3,873	7.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0003997	1986	0	1	1	0.0%
	1987	12	27	39	30.8%
	1988	5	31	36	13.9%
	1989	9	56	65	13.8%
	1990	5	46	51	9.8%
	1991	6	42	48	12.5%
	1992	16	74	90	17.8%
	1993	16	112	128	12.5%
	1994	16	127	143	11.2%
	1995	13	202	215	6.0%
	1996	12	173	185	6.5%
	1997	38	283	321	11.8%
	1998	34	309	343	9.9%
	1999	37	418	455	8.1%
	2000	59	654	713	8.3%
	2001	87	658	745	11.7%
	2002	34	288	322	10.6%
	2003	54	908	962	5.6%
	2004	22	304	326	6.7%
	2005	52	1,013	1,065	4.9%
	2006	19	277	296	6.4%
	2007	28	964	992	2.8%
	2008	11	105	116	9.5%
ST0003997 Total		585	7,072	7,657	7.6%
ST0004004	1985	1	1	2	50.0%
	1986	0	1	1	0.0%
	1987	7	29	36	19.4%
	1988	5	31	36	13.9%
	1989	6	39	45	13.3%
	1990	3	40	43	7.0%
	1991	12	53	65	18.5%
	1992	8	64	72	11.1%
	1993	8	81	89	9.0%
	1994	13	123	136	9.6%
	1995	11	186	197	5.6%
	1996	34	185	219	15.5%
	1997	74	272	346	21.4%
	1998	48	317	365	13.2%
	1999	63	429	492	12.8%
	2000	86	643	729	11.8%
	2001	90	665	755	11.9%
	2002	52	332	384	13.5%
	2003	76	830	906	8.4%
	2004	24	346	370	6.5%
	2005	50	998	1,048	4.8%
	2006	22	265	287	7.7%
	2007	26	957	983	2.6%
	2008	3	126	129	2.3%
ST0004004 Total		722	7,013	7,735	9.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0004016	1987	3	14	17	17.6%
	1988	2	13	15	13.3%
	1989	1	14	15	6.7%
	1990	7	10	17	41.2%
	1991	0	16	16	0.0%
	1992	1	34	35	2.9%
	1993	4	39	43	9.3%
	1994	3	68	71	4.2%
	1995	7	89	96	7.3%
	1996	12	87	99	12.1%
	1997	28	141	169	16.6%
	1998	17	179	196	8.7%
	1999	38	271	309	12.3%
	2000	63	406	469	13.4%
	2001	42	445	487	8.6%
	2002	31	259	290	10.7%
	2003	50	728	778	6.4%
	2004	11	268	279	3.9%
	2005	33	872	905	3.6%
	2006	15	258	273	5.5%
	2007	33	890	923	3.6%
	2008	5	148	153	3.3%
ST0004016 Total		406	5,249	5,655	7.2%
ST0004034	1987	8	14	22	36.4%
	1988	7	21	28	25.0%
	1989	18	37	55	32.7%
	1990	12	30	42	28.6%
	1991	10	42	52	19.2%
	1992	20	62	82	24.4%
	1993	21	91	112	18.8%
	1994	20	138	158	12.7%
	1995	25	212	237	10.5%
	1996	71	214	285	24.9%
	1997	89	275	364	24.5%
	1998	77	336	413	18.6%
	1999	99	442	541	18.3%
	2000	106	608	714	14.8%
	2001	130	567	697	18.7%
	2002	92	364	456	20.2%
	2003	97	695	792	12.2%
	2004	49	334	383	12.8%
	2005	51	694	745	6.8%
	2006	15	263	278	5.4%
	2007	18	597	615	2.9%
	2008	13	228	241	5.4%
ST0004034 Total		1,048	6,264	7,312	14.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004040	1987	0	5	5	0.0%
	1988	2	6	8	25.0%
	1989	4	14	18	22.2%
	1990	5	34	39	12.8%
	1991	0	23	23	0.0%
	1992	1	39	40	2.5%
	1993	6	67	73	8.2%
	1994	8	70	78	10.3%
	1995	13	137	150	8.7%
	1996	29	133	162	17.9%
	1997	59	178	237	24.9%
	1998	52	180	232	22.4%
	1999	63	260	323	19.5%
	2000	80	360	440	18.2%
	2001	43	283	326	13.2%
	2002	37	198	235	15.7%
	2003	45	343	388	11.6%
	2004	24	149	173	13.9%
	2005	23	338	361	6.4%
	2006	11	102	113	9.7%
	2007	18	320	338	5.3%
	2008	20	146	166	12.0%
ST0004040 Total		543	3,385	3,928	13.8%
ST0004065	1986	1	1	2	50.0%
	1987	0	4	4	0.0%
	1988	0	4	4	0.0%
	1989	0	7	7	0.0%
	1990	4	5	9	44.4%
	1991	1	7	8	12.5%
	1992	4	11	15	26.7%
	1993	3	18	21	14.3%
	1994	5	24	29	17.2%
	1995	9	46	55	16.4%
	1996	9	47	56	16.1%
	1997	10	67	77	13.0%
	1998	13	79	92	14.1%
	1999	16	131	147	10.9%
	2000	26	172	198	13.1%
	2001	32	219	251	12.7%
	2002	26	127	153	17.0%
	2003	26	310	336	7.7%
	2004	10	160	170	5.9%
	2005	15	412	427	3.5%
	2006	8	177	185	4.3%
	2007	20	599	619	3.2%
	2008	8	235	243	3.3%
ST0004065 Total		246	2,862	3,108	7.9%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0004105	1987	0	6	6	0.0%
	1988	4	8	12	33.3%
	1989	9	18	27	33.3%
	1990	9	21	30	30.0%
	1991	13	37	50	26.0%
	1992	21	58	79	26.6%
	1993	22	70	92	23.9%
	1994	16	88	104	15.4%
	1995	26	123	149	17.4%
	1996	36	136	172	20.9%
	1997	67	191	258	26.0%
	1998	62	228	290	21.4%
	1999	61	232	293	20.8%
	2000	76	313	389	19.5%
	2001	72	316	388	18.6%
	2002	64	269	333	19.2%
	2003	38	275	313	12.1%
	2004	31	166	197	15.7%
	2005	22	211	233	9.4%
	2006	15	115	130	11.5%
	2007	11	176	187	5.9%
	2008	5	47	52	9.6%
ST0004105 Total		680	3,104	3,784	18.0%
ST0004107	1986	2	2	4	50.0%
	1987	15	44	59	25.4%
	1988	15	39	54	27.8%
	1989	11	32	43	25.6%
	1990	15	64	79	19.0%
	1991	13	73	86	15.1%
	1992	23	101	124	18.5%
	1993	26	123	149	17.4%
	1994	24	208	232	10.3%
	1995	46	306	352	13.1%
	1996	63	269	332	19.0%
	1997	83	363	446	18.6%
	1998	99	429	528	18.8%
	1999	109	573	682	16.0%
	2000	154	814	968	15.9%
	2001	171	842	1,013	16.9%
	2002	99	480	579	17.1%
	2003	132	995	1,127	11.7%
	2004	65	537	602	10.8%
	2005	95	1,250	1,345	7.1%
	2006	47	511	558	8.4%
	2007	68	1,148	1,216	5.6%
	2008	35	430	465	7.5%
ST0004107 Total		1,410	9,633	11,043	12.8%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0004111	1987	7	14	21	33.3%
	1988	4	23	27	14.8%
	1989	4	17	21	19.0%
	1990	10	24	34	29.4%
	1991	11	32	43	25.6%
	1992	7	52	59	11.9%
	1993	17	61	78	21.8%
	1994	11	102	113	9.7%
	1995	11	135	146	7.5%
	1996	44	130	174	25.3%
	1997	61	206	267	22.8%
	1998	51	293	344	14.8%
	1999	98	378	476	20.6%
	2000	121	638	759	15.9%
	2001	119	675	794	15.0%
	2002	92	433	525	17.5%
	2003	94	987	1,081	8.7%
	2004	48	556	604	7.9%
	2005	45	1,144	1,189	3.8%
	2006	28	494	522	5.4%
	2007	28	1,223	1,251	2.2%
	2008	7	351	358	2.0%
ST0004111 Total		918	7,968	8,886	10.3%
ST0004118	1987	0	2	2	0.0%
	1988	1	2	3	33.3%
	1989	3	4	7	42.9%
	1990	2	7	9	22.2%
	1991	2	7	9	22.2%
	1992	0	4	4	0.0%
	1993	0	12	12	0.0%
	1994	5	18	23	21.7%
	1995	4	17	21	19.0%
	1996	5	22	27	18.5%
	1997	9	39	48	18.8%
	1998	11	28	39	28.2%
	1999	5	34	39	12.8%
	2000	6	53	59	10.2%
	2001	12	52	64	18.8%
	2002	7	41	48	14.6%
	2003	10	64	74	13.5%
	2004	6	31	37	16.2%
	2005	3	67	70	4.3%
	2006	0	31	31	0.0%
	2007	2	47	49	4.1%
	2008	0	7	7	0.0%
ST0004118 Total		93	589	682	13.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004152	1988	0	1	1	0.0%
	1989	0	2	2	0.0%
	1990	2	2	4	50.0%
	1991	1	3	4	25.0%
	1992	0	6	6	0.0%
	1993	0	2	2	0.0%
	1994	1	8	9	11.1%
	1995	0	14	14	0.0%
	1996	1	9	10	10.0%
	1997	3	12	15	20.0%
	1998	4	22	26	15.4%
	1999	2	17	19	10.5%
	2000	8	32	40	20.0%
	2001	4	20	24	16.7%
	2002	2	23	25	8.0%
	2003	2	31	33	6.1%
	2004	2	13	15	13.3%
	2005	5	32	37	13.5%
	2006	1	10	11	9.1%
	2007	1	24	25	4.0%
	2008	0	6	6	0.0%
ST0004152 Total		39	289	328	11.9%
ST0004161	1987	0	3	3	0.0%
	1988	0	3	3	0.0%
	1989	1	4	5	20.0%
	1990	0	7	7	0.0%
	1991	2	6	8	25.0%
	1992	2	7	9	22.2%
	1993	0	13	13	0.0%
	1994	0	14	14	0.0%
	1995	0	16	16	0.0%
	1996	5	31	36	13.9%
	1997	6	44	50	12.0%
	1998	7	52	59	11.9%
	1999	15	74	89	16.9%
	2000	10	117	127	7.9%
	2001	9	72	81	11.1%
	2002	5	47	52	9.6%
	2003	18	136	154	11.7%
	2004	2	39	41	4.9%
	2005	8	141	149	5.4%
	2006	3	42	45	6.7%
	2007	5	140	145	3.4%
	2008	2	14	16	12.5%
ST0004161 Total		100	1,022	1,122	8.9%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
	1986	0	1	1	0.0%
	1987	1	19	20	5.0%
	1988	4	12	16	25.0%
	1989	2	19	21	9.5%
	1990	2	17	19	10.5%
	1991	4	25	29	13.8%
	1992	10	38	48	20.8%
	1993	2	42	44	4.5%
	1994	4	67	71	5.6%
	1995	4	111	115	3.5%
	1996	11	99	110	10.0%
ST0004167	1997	20	144	164	12.2%
	1998	17	144	161	10.6%
	1999	20	233	253	7.9%
	2000	40	343	383	10.4%
	2001	44	339	383	11.5%
	2002	29	207	236	12.3%
	2003	28	420	448	6.3%
	2004	12	153	165	7.3%
	2005	10	467	477	2.1%
	2006	5	125	130	3.8%
	2007	5	444	449	1.1%
	2008	0	52	52	0.0%
ST0004167 Total		274	3,521	3,795	7.2%
	1987	0	13	13	0.0%
	1988	2	18	20	10.0%
	1989	0	16	16	0.0%
	1990	3	18	21	14.3%
	1991	0	23	23	0.0%
	1992	6	33	39	15.4%
	1993	7	36	43	16.3%
	1994	4	50	54	7.4%
	1995	5	87	92	5.4%
	1996	12	70	82	14.6%
ST0004170	1997	23	100	123	18.7%
	1998	22	144	166	13.3%
	1999	32	217	249	12.9%
	2000	51	344	395	12.9%
	2001	30	320	350	8.6%
	2002	37	191	228	16.2%
	2003	43	478	521	8.3%
	2004	25	157	182	13.7%
	2005	19	539	558	3.4%
	2006	8	137	145	5.5%
	2007	11	529	540	2.0%
	2008	2	67	69	2.9%
ST0004170 Total		342	3,587	3,929	8.7%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
	1986	0	1	1	0.0%
	1987	4	17	21	19.0%
	1988	3	13	16	18.8%
	1989	3	21	24	12.5%
	1990	3	30	33	9.1%
	1991	3	36	39	7.7%
	1992	3	47	50	6.0%
	1993	8	44	52	15.4%
	1994	3	72	75	4.0%
	1995	12	100	112	10.7%
	1996	19	88	107	17.8%
ST0004180	1997	11	113	124	8.9%
	1998	13	138	151	8.6%
	1999	22	187	209	10.5%
	2000	45	369	414	10.9%
	2001	31	283	314	9.9%
	2002	18	177	195	9.2%
	2003	33	513	546	6.0%
	2004	12	209	221	5.4%
	2005	23	623	646	3.6%
	2006	5	154	159	3.1%
	2007	17	664	681	2.5%
	2008	4	64	68	5.9%
ST0004180 Total		**295**	**3,963**	**4,258**	**6.9%**
	1985	1	1	2	50.0%
	1987	6	14	20	30.0%
	1988	2	15	17	11.8%
	1989	3	17	20	15.0%
	1990	2	18	20	10.0%
	1991	4	22	26	15.4%
	1992	4	24	28	14.3%
	1993	6	38	44	13.6%
	1994	3	40	43	7.0%
	1995	2	65	67	3.0%
	1996	5	48	53	9.4%
ST0004191	1997	10	94	104	9.6%
	1998	8	96	104	7.7%
	1999	11	147	158	7.0%
	2000	10	207	217	4.6%
	2001	22	279	301	7.3%
	2002	16	108	124	12.9%
	2003	19	369	388	4.9%
	2004	9	173	182	4.9%
	2005	14	461	475	2.9%
	2006	9	161	170	5.3%
	2007	15	598	613	2.4%
	2008	9	148	157	5.7%
ST0004191 Total		**190**	**3,143**	**3,333**	**5.7%**

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004230	1985	0	1	1	0.0%
	1986	1	2	3	33.3%
	1987	10	24	34	29.4%
	1988	7	23	30	23.3%
	1989	9	40	49	18.4%
	1990	7	42	49	14.3%
	1991	11	54	65	16.9%
	1992	15	59	74	20.3%
	1993	16	74	90	17.8%
	1994	9	109	118	7.6%
	1995	17	171	188	9.0%
	1996	27	135	162	16.7%
	1997	33	235	268	12.3%
	1998	57	252	309	18.4%
	1999	53	363	416	12.7%
	2000	70	535	605	11.6%
	2001	83	665	748	11.1%
	2002	50	313	363	13.8%
	2003	72	800	872	8.3%
	2004	39	450	489	8.0%
	2005	65	1,087	1,152	5.6%
	2006	25	428	453	5.5%
	2007	49	1,280	1,329	3.7%
	2008	44	558	602	7.3%
ST0004230 Total		769	7,700	8,469	9.1%
ST0004243	1986	0	1	1	0.0%
	1987	4	6	10	40.0%
	1988	1	10	11	9.1%
	1989	0	13	13	0.0%
	1990	3	15	18	16.7%
	1991	1	8	9	11.1%
	1992	3	13	16	18.8%
	1993	0	17	17	0.0%
	1994	3	30	33	9.1%
	1995	3	41	44	6.8%
	1996	4	49	53	7.5%
	1997	9	99	108	8.3%
	1998	10	100	110	9.1%
	1999	18	148	166	10.8%
	2000	14	207	221	6.3%
	2001	25	276	301	8.3%
	2002	10	130	140	7.1%
	2003	23	431	454	5.1%
	2004	9	183	192	4.7%
	2005	18	573	591	3.0%
	2006	8	205	213	3.8%
	2007	13	717	730	1.8%
	2008	2	89	91	2.2%
ST0004243 Total		181	3,361	3,542	5.1%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004257	1987	10	55	65	15.4%
	1988	22	55	77	28.6%
	1989	18	81	99	18.2%
	1990	23	76	99	23.2%
	1991	15	90	105	14.3%
	1992	47	137	184	25.5%
	1993	30	170	200	15.0%
	1994	39	217	256	15.2%
	1995	44	337	381	11.5%
	1996	73	322	395	18.5%
	1997	104	379	483	21.5%
	1998	103	376	479	21.5%
	1999	117	523	640	18.3%
	2000	121	738	859	14.1%
	2001	148	733	881	16.8%
	2002	99	416	515	19.2%
	2003	104	912	1,016	10.2%
	2004	53	401	454	11.7%
	2005	66	906	972	6.8%
	2006	23	309	332	6.9%
	2007	41	986	1,027	4.0%
	2008	14	215	229	6.1%
ST0004257 Total		1,314	8,434	9,748	13.5%
ST0004262	1984	0	1	1	0.0%
	1986	0	1	1	0.0%
	1987	10	31	41	24.4%
	1988	13	17	30	43.3%
	1989	10	40	50	20.0%
	1990	16	49	65	24.6%
	1991	7	62	69	10.1%
	1992	17	83	100	17.0%
	1993	24	116	140	17.1%
	1994	26	166	192	13.5%
	1995	28	224	252	11.1%
	1996	70	197	267	26.2%
	1997	74	266	340	21.8%
	1998	68	284	352	19.3%
	1999	78	370	448	17.4%
	2000	114	555	669	17.0%
	2001	114	525	639	17.8%
	2002	73	308	381	19.2%
	2003	89	650	739	12.0%
	2004	41	278	319	12.9%
	2005	47	625	672	7.0%
	2006	17	208	225	7.6%
	2007	20	602	622	3.2%
	2008	5	110	115	4.3%
ST0004262 Total		961	5,768	6,729	14.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0004298	1985	0	1	1	0.0%
	1987	8	38	46	17.4%
	1988	10	36	46	21.7%
	1989	10	37	47	21.3%
	1990	4	42	46	8.7%
	1991	12	69	81	14.8%
	1992	15	91	106	14.2%
	1993	13	117	130	10.0%
	1994	16	171	187	8.6%
	1995	21	239	260	8.1%
	1996	44	205	249	17.7%
	1997	53	302	355	14.9%
	1998	48	329	377	12.7%
	1999	84	521	605	13.9%
	2000	100	706	806	12.4%
	2001	110	802	912	12.1%
	2002	70	389	459	15.3%
	2003	100	1,113	1,213	8.2%
	2004	31	473	504	6.2%
	2005	56	1,277	1,333	4.2%
	2006	22	428	450	4.9%
	2007	31	1,395	1,426	2.2%
	2008	3	169	172	1.7%
ST0004298 Total		861	8,950	9,811	8.8%
ST0004363	1987	0	8	8	0.0%
	1988	2	5	7	28.6%
	1989	1	6	7	14.3%
	1990	0	3	3	0.0%
	1991	2	11	13	15.4%
	1992	1	12	13	7.7%
	1993	1	11	12	8.3%
	1994	3	16	19	15.8%
	1995	1	24	25	4.0%
	1996	5	20	25	20.0%
	1997	3	39	42	7.1%
	1998	5	38	43	11.6%
	1999	10	52	62	16.1%
	2000	1	62	63	1.6%
	2001	1	34	35	2.9%
	2002	4	32	36	11.1%
	2003	5	107	112	4.5%
	2004	0	27	27	0.0%
	2005	5	112	117	4.3%
	2006	0	27	27	0.0%
	2007	2	131	133	1.5%
	2008	1	8	9	11.1%
ST0004363 Total		53	785	838	6.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004375	1987	0	7	7	0.0%
	1988	1	6	7	14.3%
	1989	3	14	17	17.6%
	1990	1	4	5	20.0%
	1991	1	9	10	10.0%
	1992	1	12	13	7.7%
	1993	1	21	22	4.5%
	1994	1	40	41	2.4%
	1995	2	56	58	3.4%
	1996	12	63	75	16.0%
	1997	15	108	123	12.2%
	1998	21	139	160	13.1%
	1999	28	213	241	11.6%
	2000	40	339	379	10.6%
	2001	57	373	430	13.3%
	2002	19	192	211	9.0%
	2003	31	576	607	5.1%
	2004	18	261	279	6.5%
	2005	22	705	727	3.0%
	2006	13	217	230	5.7%
	2007	17	756	773	2.2%
	2008	4	130	134	3.0%
ST0004375 Total		308	4,241	4,549	6.8%
ST0004377	1986	1	1	2	50.0%
	1987	4	21	25	16.0%
	1988	3	26	29	10.3%
	1989	2	13	15	13.3%
	1990	3	21	24	12.5%
	1991	2	15	17	11.8%
	1992	2	24	26	7.7%
	1993	2	31	33	6.1%
	1994	4	53	57	7.0%
	1995	9	98	107	8.4%
	1996	7	56	63	11.1%
	1997	22	108	130	16.9%
	1998	20	129	149	13.4%
	1999	28	182	210	13.3%
	2000	27	300	327	8.3%
	2001	35	311	346	10.1%
	2002	16	144	160	10.0%
	2003	33	433	466	7.1%
	2004	14	169	183	7.7%
	2005	16	527	543	2.9%
	2006	5	149	154	3.2%
	2007	21	542	563	3.7%
	2008	24	196	220	10.9%
ST0004377 Total		300	3,549	3,849	7.8%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004390	1986	0	3	3	0.0%
	1987	0	11	11	0.0%
	1988	4	20	24	16.7%
	1989	10	37	47	21.3%
	1990	4	29	33	12.1%
	1991	8	34	42	19.0%
	1992	7	36	43	16.3%
	1993	8	52	60	13.3%
	1994	8	83	91	8.8%
	1995	9	116	125	7.2%
	1996	10	81	91	11.0%
	1997	22	147	169	13.0%
	1998	28	153	181	15.5%
	1999	23	249	272	8.5%
	2000	38	395	433	8.8%
	2001	50	407	457	10.9%
	2002	36	185	221	16.3%
	2003	43	569	612	7.0%
	2004	15	231	246	6.1%
	2005	19	689	708	2.7%
	2006	18	222	240	7.5%
	2007	19	870	889	2.1%
	2008	11	141	152	7.2%
ST0004390 Total		390	4,760	5,150	7.6%
ST0004405	1986	0	1	1	0.0%
	1987	0	9	9	0.0%
	1988	2	16	18	11.1%
	1989	1	13	14	7.1%
	1990	3	12	15	20.0%
	1991	5	25	30	16.7%
	1992	1	27	28	3.6%
	1993	6	34	40	15.0%
	1994	8	29	37	21.6%
	1995	3	49	52	5.8%
	1996	6	46	52	11.5%
	1997	18	91	109	16.5%
	1998	17	85	102	16.7%
	1999	19	127	146	13.0%
	2000	30	221	251	12.0%
	2001	29	253	282	10.3%
	2002	13	119	132	9.8%
	2003	16	312	328	4.9%
	2004	15	159	174	8.6%
	2005	18	443	461	3.9%
	2006	6	142	148	4.1%
	2007	15	527	542	2.8%
	2008	1	66	67	1.5%
ST0004405 Total		232	2,806	3,038	7.6%

	Table (a) (3 & 4). # of Tests by Station, % Fail By Station				
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004480	1985	0	1	1	0.0%
	1987	2	12	14	14.3%
	1988	3	17	20	15.0%
	1989	6	18	24	25.0%
	1990	7	31	38	18.4%
	1991	10	32	42	23.8%
	1992	17	43	60	28.3%
	1993	15	79	94	16.0%
	1994	17	115	132	12.9%
	1995	46	161	207	22.2%
	1996	58	164	222	26.1%
	1997	82	233	315	26.0%
	1998	99	298	397	24.9%
	1999	87	313	400	21.8%
	2000	113	476	589	19.2%
	2001	104	486	590	17.6%
	2002	82	321	403	20.3%
	2003	98	611	709	13.8%
	2004	39	335	374	10.4%
	2005	53	660	713	7.4%
	2006	18	288	306	5.9%
	2007	29	768	797	3.6%
	2008	8	229	237	3.4%
ST0004480 Total		993	5,691	6,684	14.9%
ST0004541	1986	0	3	3	0.0%
	1987	3	14	17	17.6%
	1988	7	24	31	22.6%
	1989	11	25	36	30.6%
	1990	10	34	44	22.7%
	1991	5	39	44	11.4%
	1992	10	48	58	17.2%
	1993	16	58	74	21.6%
	1994	4	77	81	4.9%
	1995	11	152	163	6.7%
	1996	25	129	154	16.2%
	1997	37	190	227	16.3%
	1998	17	207	224	7.6%
	1999	29	327	356	8.1%
	2000	40	452	492	8.1%
	2001	66	445	511	12.9%
	2002	26	223	249	10.4%
	2003	52	612	664	7.8%
	2004	19	223	242	7.9%
	2005	28	666	694	4.0%
	2006	9	219	228	3.9%
	2007	11	684	695	1.6%
	2008	1	117	118	0.8%
ST0004541 Total		437	4,968	5,405	8.1%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0004591	1987	1	7	8	12.5%
	1988	1	7	8	12.5%
	1989	1	7	8	12.5%
	1990	0	7	7	0.0%
	1991	2	11	13	15.4%
	1992	1	11	12	8.3%
	1993	2	18	20	10.0%
	1994	3	22	25	12.0%
	1995	1	36	37	2.7%
	1996	4	52	56	7.1%
	1997	15	88	103	14.6%
	1998	14	83	97	14.4%
	1999	17	123	140	12.1%
	2000	24	218	242	9.9%
	2001	20	181	201	10.0%
	2002	11	96	107	10.3%
	2003	21	204	225	9.3%
	2004	8	115	123	6.5%
	2005	22	218	240	9.2%
	2006	7	109	116	6.0%
	2007	13	256	269	4.8%
	2008	4	66	70	5.7%
ST0004591 Total		192	1,935	2,127	9.0%
ST0004592	1986	0	2	2	0.0%
	1987	8	33	41	19.5%
	1988	12	32	44	27.3%
	1989	12	46	58	20.7%
	1990	12	55	67	17.9%
	1991	10	46	56	17.9%
	1992	15	70	85	17.6%
	1993	4	113	117	3.4%
	1994	8	132	140	5.7%
	1995	15	189	204	7.4%
	1996	38	214	252	15.1%
	1997	53	307	360	14.7%
	1998	45	308	353	12.7%
	1999	45	471	516	8.7%
	2000	76	637	713	10.7%
	2001	77	618	695	11.1%
	2002	39	339	378	10.3%
	2003	51	796	847	6.0%
	2004	23	329	352	6.5%
	2005	38	798	836	4.5%
	2006	9	284	293	3.1%
	2007	29	770	799	3.6%
	2008	56	521	577	9.7%
ST0004592 Total		675	7,110	7,785	8.7%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004615	1984	0	1	1	0.0%
	1987	1	1	2	50.0%
	1988	0	3	3	0.0%
	1989	2	10	12	16.7%
	1990	1	4	5	20.0%
	1991	1	8	9	11.1%
	1992	3	9	12	25.0%
	1993	1	17	18	5.6%
	1994	3	29	32	9.4%
	1995	7	49	56	12.5%
	1996	9	48	57	15.8%
	1997	13	95	108	12.0%
	1998	18	113	131	13.7%
	1999	15	139	154	9.7%
	2000	35	224	259	13.5%
	2001	30	238	268	11.2%
	2002	21	89	110	19.1%
	2003	31	312	343	9.0%
	2004	3	97	100	3.0%
	2005	20	382	402	5.0%
	2006	5	106	111	4.5%
	2007	8	416	424	1.9%
	2008	1	32	33	3.0%
ST0004615 Total		228	2,422	2,650	8.6%
ST0004628	1987	2	6	8	25.0%
	1988	5	7	12	41.7%
	1989	10	13	23	43.5%
	1990	1	12	13	7.7%
	1991	6	18	24	25.0%
	1992	5	32	37	13.5%
	1993	4	27	31	12.9%
	1994	10	51	61	16.4%
	1995	6	57	63	9.5%
	1996	19	82	101	18.8%
	1997	17	107	124	13.7%
	1998	27	131	158	17.1%
	1999	34	205	239	14.2%
	2000	46	326	372	12.4%
	2001	57	372	429	13.3%
	2002	31	163	194	16.0%
	2003	50	459	509	9.8%
	2004	24	186	210	11.4%
	2005	30	574	604	5.0%
	2006	11	191	202	5.4%
	2007	14	591	605	2.3%
	2008	9	116	125	7.2%
ST0004628 Total		418	3,726	4,144	10.1%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0004632	1990	0	1	1	0.0%
	1991	0	1	1	0.0%
	1994	0	2	2	0.0%
	1995	0	2	2	0.0%
	1996	0	3	3	0.0%
	1997	1	5	6	16.7%
	1998	2	10	12	16.7%
	1999	1	11	12	8.3%
	2000	0	8	8	0.0%
	2001	2	6	8	25.0%
	2002	0	4	4	0.0%
	2003	0	14	14	0.0%
	2004	0	5	5	0.0%
	2005	0	12	12	0.0%
	2006	0	1	1	0.0%
	2007	0	10	10	0.0%
	2008	0	3	3	0.0%
ST0004632 Total		6	98	104	5.8%
ST0004657	1986	0	1	1	0.0%
	1987	2	26	28	7.1%
	1988	11	33	44	25.0%
	1989	5	34	39	12.8%
	1990	11	51	62	17.7%
	1991	10	34	44	22.7%
	1992	9	55	64	14.1%
	1993	7	65	72	9.7%
	1994	11	93	104	10.6%
	1995	20	141	161	12.4%
	1996	32	156	188	17.0%
	1997	24	206	230	10.4%
	1998	34	236	270	12.6%
	1999	42	339	381	11.0%
	2000	49	466	515	9.5%
	2001	67	470	537	12.5%
	2002	32	209	241	13.3%
	2003	48	576	624	7.7%
	2004	16	235	251	6.4%
	2005	19	626	645	2.9%
	2006	9	154	163	5.5%
	2007	7	543	550	1.3%
	2008	1	56	57	1.8%
ST0004657 Total		466	4,805	5,271	8.8%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0004658	1986	0	1	1	0.0%
	1987	2	15	17	11.8%
	1988	2	14	16	12.5%
	1989	4	15	19	21.1%
	1990	4	19	23	17.4%
	1991	4	22	26	15.4%
	1992	6	24	30	20.0%
	1993	3	35	38	7.9%
	1994	1	48	49	2.0%
	1995	7	45	52	13.5%
	1996	8	76	84	9.5%
	1997	17	95	112	15.2%
	1998	13	105	118	11.0%
	1999	20	147	167	12.0%
	2000	23	203	226	10.2%
	2001	8	82	90	8.9%
	2002	17	112	129	13.2%
	2003	25	260	285	8.8%
	2004	10	106	116	8.6%
	2005	23	356	379	6.1%
	2006	12	138	150	8.0%
	2007	26	373	399	6.5%
	2008	9	87	96	9.4%
ST0004658 Total		244	2,378	2,622	9.3%
ST0004696	1986	1	2	3	33.3%
	1987	1	22	23	4.3%
	1988	5	28	33	15.2%
	1989	12	45	57	21.1%
	1990	11	40	51	21.6%
	1991	8	45	53	15.1%
	1992	11	53	64	17.2%
	1993	14	80	94	14.9%
	1994	14	99	113	12.4%
	1995	15	152	167	9.0%
	1996	33	139	172	19.2%
	1997	55	238	293	18.8%
	1998	57	243	300	19.0%
	1999	63	395	458	13.8%
	2000	95	586	681	14.0%
	2001	108	639	747	14.5%
	2002	63	325	388	16.2%
	2003	81	832	913	8.9%
	2004	28	350	378	7.4%
	2005	54	920	974	5.5%
	2006	18	309	327	5.5%
	2007	21	983	1,004	2.1%
	2008	3	157	160	1.9%
ST0004696 Total		771	6,682	7,453	10.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004710	1986	1	2	3	33.3%
	1987	4	15	19	21.1%
	1988	6	24	30	20.0%
	1989	2	25	27	7.4%
	1990	5	24	29	17.2%
	1991	8	27	35	22.9%
	1992	6	20	26	23.1%
	1993	10	48	58	17.2%
	1994	10	50	60	16.7%
	1995	8	85	93	8.6%
	1996	4	90	94	4.3%
	1997	8	106	114	7.0%
	1998	6	114	120	5.0%
	1999	10	153	163	6.1%
	2000	14	202	216	6.5%
	2001	17	158	175	9.7%
	2002	10	86	96	10.4%
	2003	9	162	171	5.3%
	2004	3	67	70	4.3%
	2005	5	159	164	3.0%
	2006	1	43	44	2.3%
	2007	5	143	148	3.4%
	2008	0	5	5	0.0%
ST0004710 Total		152	1,808	1,960	7.8%
ST0004713	1985	0	1	1	0.0%
	1986	0	1	1	0.0%
	1987	9	22	31	29.0%
	1988	4	26	30	13.3%
	1989	5	35	40	12.5%
	1990	6	27	33	18.2%
	1991	8	25	33	24.2%
	1992	10	42	52	19.2%
	1993	14	69	83	16.9%
	1994	12	79	91	13.2%
	1995	22	113	135	16.3%
	1996	39	138	177	22.0%
	1997	48	141	189	25.4%
	1998	45	185	230	19.6%
	1999	54	235	289	18.7%
	2000	65	309	374	17.4%
	2001	62	253	315	19.7%
	2002	40	144	184	21.7%
	2003	39	329	368	10.6%
	2004	18	117	135	13.3%
	2005	20	316	336	6.0%
	2006	3	89	92	3.3%
	2007	9	278	287	3.1%
	2008	1	31	32	3.1%
ST0004713 Total		533	3,005	3,538	15.1%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004722	1987	14	50	64	21.9%
	1988	9	57	66	13.6%
	1989	11	69	80	13.8%
	1990	16	89	105	15.2%
	1991	13	90	103	12.6%
	1992	39	131	170	22.9%
	1993	24	177	201	11.9%
	1994	24	189	213	11.3%
	1995	47	316	363	12.9%
	1996	59	294	353	16.7%
	1997	93	463	556	16.7%
	1998	102	549	651	15.7%
	1999	84	709	793	10.6%
	2000	126	1,111	1,237	10.2%
	2001	160	1,121	1,281	12.5%
	2002	86	626	712	12.1%
	2003	144	1,617	1,761	8.2%
	2004	55	728	783	7.0%
	2005	103	1,930	2,033	5.1%
	2006	39	700	739	5.3%
	2007	74	2,243	2,317	3.2%
	2008	38	586	624	6.1%
ST0004722 Total		1,360	13,845	15,205	8.9%
ST0004739	1987	5	20	25	20.0%
	1988	6	20	26	23.1%
	1989	7	33	40	17.5%
	1990	7	31	38	18.4%
	1991	5	37	42	11.9%
	1992	6	59	65	9.2%
	1993	8	64	72	11.1%
	1994	9	94	103	8.7%
	1995	22	145	167	13.2%
	1996	29	158	187	15.5%
	1997	33	274	307	10.7%
	1998	46	291	337	13.6%
	1999	41	429	470	8.7%
	2000	69	596	665	10.4%
	2001	86	643	729	11.8%
	2002	48	337	385	12.5%
	2003	58	772	830	7.0%
	2004	31	360	391	7.9%
	2005	43	816	859	5.0%
	2006	16	287	303	5.3%
	2007	25	793	818	3.1%
	2008	5	183	188	2.7%
ST0004739 Total		605	6,442	7,047	8.6%

	Table (a) (3 & 4). # of Tests by Station, % Fail By Station				
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0004745	1987	5	19	24	20.8%
	1988	3	22	25	12.0%
	1989	8	27	35	22.9%
	1990	4	17	21	19.0%
	1991	3	25	28	10.7%
	1992	2	28	30	6.7%
	1993	6	43	49	12.2%
	1994	4	51	55	7.3%
	1995	7	91	98	7.1%
	1996	7	82	89	7.9%
	1997	15	108	123	12.2%
	1998	14	116	130	10.8%
	1999	21	149	170	12.4%
	2000	22	243	265	8.3%
	2001	26	259	285	9.1%
	2002	12	107	119	10.1%
	2003	15	271	286	5.2%
	2004	8	88	96	8.3%
	2005	11	269	280	3.9%
	2006	4	78	82	4.9%
	2007	12	279	291	4.1%
	2008	13	49	62	21.0%
ST0004745 Total		222	2,421	2,643	8.4%
ST0004750	1986	0	1	1	0.0%
	1987	5	19	24	20.8%
	1988	6	26	32	18.8%
	1989	2	30	32	6.3%
	1990	7	30	37	18.9%
	1991	3	26	29	10.3%
	1992	11	44	55	20.0%
	1993	21	65	86	24.4%
	1994	20	97	117	17.1%
	1995	15	135	150	10.0%
	1996	28	147	175	16.0%
	1997	40	195	235	17.0%
	1998	48	221	269	17.8%
	1999	67	318	385	17.4%
	2000	76	435	511	14.9%
	2001	76	387	463	16.4%
	2002	43	259	302	14.2%
	2003	47	538	585	8.0%
	2004	21	261	282	7.4%
	2005	38	644	682	5.6%
	2006	18	195	213	8.5%
	2007	15	541	556	2.7%
	2008	1	63	64	1.6%
ST0004750 Total		608	4,677	5,285	11.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0004762	1987	2	9	11	18.2%
	1988	4	6	10	40.0%
	1989	1	4	5	20.0%
	1990	1	7	8	12.5%
	1991	2	4	6	33.3%
	1992	1	6	7	14.3%
	1993	1	10	11	9.1%
	1994	4	27	31	12.9%
	1995	2	29	31	6.5%
	1996	4	27	31	12.9%
	1997	3	50	53	5.7%
	1998	4	49	53	7.5%
	1999	6	68	74	8.1%
	2000	6	73	79	7.6%
	2001	5	45	50	10.0%
	2002	6	40	46	13.0%
	2003	7	85	92	7.6%
	2004	3	31	34	8.8%
	2005	1	77	78	1.3%
	2006	0	21	21	0.0%
	2007	0	65	65	0.0%
	2008	0	5	5	0.0%
ST0004762 Total		63	738	801	7.9%
ST0004764	1987	0	4	4	0.0%
	1988	2	13	15	13.3%
	1989	6	11	17	35.3%
	1990	0	11	11	0.0%
	1991	3	10	13	23.1%
	1992	2	16	18	11.1%
	1993	1	29	30	3.3%
	1994	6	45	51	11.8%
	1995	5	60	65	7.7%
	1996	7	63	70	10.0%
	1997	14	92	106	13.2%
	1998	18	145	163	11.0%
	1999	23	200	223	10.3%
	2000	22	399	421	5.2%
	2001	40	391	431	9.3%
	2002	21	177	198	10.6%
	2003	26	460	486	5.3%
	2004	12	167	179	6.7%
	2005	26	555	581	4.5%
	2006	13	181	194	6.7%
	2007	18	654	672	2.7%
	2008	15	163	178	8.4%
ST0004764 Total		280	3,846	4,126	6.8%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004765	1987	2	5	7	28.6%
	1988	2	7	9	22.2%
	1989	3	10	13	23.1%
	1990	4	14	18	22.2%
	1991	2	15	17	11.8%
	1992	7	14	21	33.3%
	1993	3	25	28	10.7%
	1994	2	29	31	6.5%
	1995	8	62	70	11.4%
	1996	21	104	125	16.8%
	1997	35	159	194	18.0%
	1998	36	147	183	19.7%
	1999	40	213	253	15.8%
	2000	61	342	403	15.1%
	2001	57	288	345	16.5%
	2002	34	164	198	17.2%
	2003	55	411	466	11.8%
	2004	12	172	184	6.5%
	2005	38	413	451	8.4%
	2006	9	130	139	6.5%
	2007	20	419	439	4.6%
	2008	5	75	80	6.3%
ST0004765 Total		456	3,218	3,674	12.4%
ST0004769	1987	1	11	12	8.3%
	1988	2	17	19	10.5%
	1989	4	21	25	16.0%
	1990	1	24	25	4.0%
	1991	7	41	48	14.6%
	1992	1	25	26	3.8%
	1993	4	39	43	9.3%
	1994	2	74	76	2.6%
	1995	15	102	117	12.8%
	1996	8	79	87	9.2%
	1997	19	123	142	13.4%
	1998	22	141	163	13.5%
	1999	23	195	218	10.6%
	2000	23	264	287	8.0%
	2001	37	286	323	11.5%
	2002	11	128	139	7.9%
	2003	25	355	380	6.6%
	2004	12	160	172	7.0%
	2005	21	413	434	4.8%
	2006	7	116	123	5.7%
	2007	12	382	394	3.0%
	2008	3	67	70	4.3%
ST0004769 Total		260	3,063	3,323	7.8%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004772	1986	0	1	1	0.0%
	1987	1	11	12	8.3%
	1988	1	5	6	16.7%
	1989	0	13	13	0.0%
	1990	1	14	15	6.7%
	1991	2	17	19	10.5%
	1992	1	21	22	4.5%
	1993	1	30	31	3.2%
	1994	3	28	31	9.7%
	1995	3	41	44	6.8%
	1996	8	47	55	14.5%
	1997	9	71	80	11.3%
	1998	3	59	62	4.8%
	1999	8	98	106	7.5%
	2000	7	88	95	7.4%
	2001	6	28	34	17.6%
	2002	7	34	41	17.1%
	2003	4	108	112	3.6%
	2004	5	27	32	15.6%
	2005	2	113	115	1.7%
	2006	0	32	32	0.0%
	2007	3	96	99	3.0%
	2008	0	3	3	0.0%
ST0004772 Total		75	985	1,060	7.1%
ST0004788	1986	1	1	2	50.0%
	1987	4	16	20	20.0%
	1988	8	27	35	22.9%
	1989	12	30	42	28.6%
	1990	14	40	54	25.9%
	1991	20	52	72	27.8%
	1992	19	75	94	20.2%
	1993	24	102	126	19.0%
	1994	31	198	229	13.5%
	1995	36	240	276	13.0%
	1996	80	207	287	27.9%
	1997	98	283	381	25.7%
	1998	108	261	369	29.3%
	1999	111	350	461	24.1%
	2000	137	452	589	23.3%
	2001	122	421	543	22.5%
	2002	83	322	405	20.5%
	2003	78	431	509	15.3%
	2004	47	255	302	15.6%
	2005	38	412	450	8.4%
	2006	13	167	180	7.2%
	2007	12	391	403	3.0%
	2008	4	111	115	3.5%
ST0004788 Total		1,100	4,844	5,944	18.5%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0004817	1987	0	6	6	0.0%
	1988	1	11	12	8.3%
	1989	6	12	18	33.3%
	1990	4	14	18	22.2%
	1991	6	22	28	21.4%
	1992	7	27	34	20.6%
	1993	6	31	37	16.2%
	1994	2	54	56	3.6%
	1995	11	67	78	14.1%
	1996	16	66	82	19.5%
	1997	23	97	120	19.2%
	1998	20	111	131	15.3%
	1999	17	158	175	9.7%
	2000	33	251	284	11.6%
	2001	37	239	276	13.4%
	2002	25	120	145	17.2%
	2003	22	269	291	7.6%
	2004	14	98	112	12.5%
	2005	15	266	281	5.3%
	2006	5	92	97	5.2%
	2007	8	279	287	2.8%
	2008	1	21	22	4.5%
ST0004817 Total		279	2,311	2,590	10.8%
ST0004820	1987	9	9	18	50.0%
	1988	7	13	20	35.0%
	1989	4	24	28	14.3%
	1990	12	21	33	36.4%
	1991	8	27	35	22.9%
	1992	17	48	65	26.2%
	1993	14	65	79	17.7%
	1994	25	118	143	17.5%
	1995	23	129	152	15.1%
	1996	44	113	157	28.0%
	1997	68	155	223	30.5%
	1998	63	164	227	27.8%
	1999	70	208	278	25.2%
	2000	66	216	282	23.4%
	2001	47	144	191	24.6%
	2002	55	152	207	26.6%
	2003	39	194	233	16.7%
	2004	8	96	104	7.7%
	2005	18	167	185	9.7%
	2006	8	49	57	14.0%
	2007	2	128	130	1.5%
	2008	0	7	7	0.0%
ST0004820 Total		607	2,247	2,854	21.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0004828	1987	3	16	19	15.8%
	1988	8	25	33	24.2%
	1989	3	35	38	7.9%
	1990	16	41	57	28.1%
	1991	16	56	72	22.2%
	1992	27	83	110	24.5%
	1993	29	125	154	18.8%
	1994	32	218	250	12.8%
	1995	24	291	315	7.6%
	1996	90	222	312	28.8%
	1997	145	297	442	32.8%
	1998	107	386	493	21.7%
	1999	135	510	645	20.9%
	2000	157	712	869	18.1%
	2001	125	614	739	16.9%
	2002	94	374	468	20.1%
	2003	86	688	774	11.1%
	2004	49	332	381	12.9%
	2005	65	786	851	7.6%
	2006	28	280	308	9.1%
	2007	28	619	647	4.3%
	2008	1	66	67	1.5%
ST0004828 Total		1,268	6,776	8,044	15.8%
ST0004837	1987	4	15	19	21.1%
	1988	1	20	21	4.8%
	1989	4	21	25	16.0%
	1990	8	26	34	23.5%
	1991	7	32	39	17.9%
	1992	10	35	45	22.2%
	1993	10	74	84	11.9%
	1994	11	96	107	10.3%
	1995	15	114	129	11.6%
	1996	34	125	159	21.4%
	1997	26	194	220	11.8%
	1998	36	185	221	16.3%
	1999	44	238	282	15.6%
	2000	44	330	374	11.8%
	2001	44	307	351	12.5%
	2002	31	158	189	16.4%
	2003	44	346	390	11.3%
	2004	17	128	145	11.7%
	2005	18	337	355	5.1%
	2006	7	113	120	5.8%
	2007	8	311	319	2.5%
	2008	0	20	20	0.0%
ST0004837 Total		423	3,225	3,648	11.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004839	1986	0	1	1	0.0%
	1987	9	21	30	30.0%
	1988	3	20	23	13.0%
	1989	2	28	30	6.7%
	1990	7	34	41	17.1%
	1991	6	51	57	10.5%
	1992	24	53	77	31.2%
	1993	18	89	107	16.8%
	1994	17	102	119	14.3%
	1995	17	155	172	9.9%
	1996	22	135	157	14.0%
	1997	30	199	229	13.1%
	1998	35	206	241	14.5%
	1999	44	292	336	13.1%
	2000	41	438	479	8.6%
	2001	61	457	518	11.8%
	2002	46	268	314	14.6%
	2003	61	621	682	8.9%
	2004	32	305	337	9.5%
	2005	34	716	750	4.5%
	2006	10	266	276	3.6%
	2007	22	791	813	2.7%
	2008	24	311	335	7.2%
ST0004839 Total		565	5,559	6,124	9.2%
ST0004843	1987	2	19	21	9.5%
	1988	5	25	30	16.7%
	1989	1	33	34	2.9%
	1990	4	31	35	11.4%
	1991	8	30	38	21.1%
	1992	6	50	56	10.7%
	1993	3	66	69	4.3%
	1994	9	109	118	7.6%
	1995	5	125	130	3.8%
	1996	19	137	156	12.2%
	1997	21	204	225	9.3%
	1998	37	268	305	12.1%
	1999	44	324	368	12.0%
	2000	78	488	566	13.8%
	2001	86	507	593	14.5%
	2002	40	219	259	15.4%
	2003	55	672	727	7.6%
	2004	21	247	268	7.8%
	2005	39	898	937	4.2%
	2006	11	221	232	4.7%
	2007	26	813	839	3.1%
	2008	3	69	72	4.2%
ST0004843 Total		523	5,555	6,078	8.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004847	1987	7	19	26	26.9%
	1988	8	29	37	21.6%
	1989	9	30	39	23.1%
	1990	5	35	40	12.5%
	1991	9	36	45	20.0%
	1992	9	52	61	14.8%
	1993	9	62	71	12.7%
	1994	13	91	104	12.5%
	1995	30	140	170	17.6%
	1996	23	128	151	15.2%
	1997	25	175	200	12.5%
	1998	33	182	215	15.3%
	1999	45	258	303	14.9%
	2000	50	434	484	10.3%
	2001	75	458	533	14.1%
	2002	35	171	206	17.0%
	2003	50	572	622	8.0%
	2004	8	191	199	4.0%
	2005	41	703	744	5.5%
	2006	3	145	148	2.0%
	2007	7	582	589	1.2%
	2008	1	61	62	1.6%
ST0004847 Total		495	4,554	5,049	9.8%
ST0004854	1984	0	1	1	0.0%
	1985	0	2	2	0.0%
	1987	9	21	30	30.0%
	1988	9	30	39	23.1%
	1989	6	41	47	12.8%
	1990	7	49	56	12.5%
	1991	13	53	66	19.7%
	1992	11	98	109	10.1%
	1993	16	125	141	11.3%
	1994	26	161	187	13.9%
	1995	26	282	308	8.4%
	1996	54	298	352	15.3%
	1997	93	408	501	18.6%
	1998	90	476	566	15.9%
	1999	102	599	701	14.6%
	2000	111	853	964	11.5%
	2001	175	837	1,012	17.3%
	2002	98	459	557	17.6%
	2003	115	1,040	1,155	10.0%
	2004	37	445	482	7.7%
	2005	66	1,292	1,358	4.9%
	2006	40	400	440	9.1%
	2007	59	1,245	1,304	4.5%
	2008	30	171	201	14.9%
ST0004854 Total		1,193	9,386	10,579	11.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004855	1987	7	15	22	31.8%
	1988	7	17	24	29.2%
	1989	7	20	27	25.9%
	1990	6	17	23	26.1%
	1991	8	25	33	24.2%
	1992	6	27	33	18.2%
	1993	11	44	55	20.0%
	1994	6	58	64	9.4%
	1995	14	69	83	16.9%
	1996	36	81	117	30.8%
	1997	35	103	138	25.4%
	1998	43	123	166	25.9%
	1999	36	109	145	24.8%
	2000	45	179	224	20.1%
	2001	44	131	175	25.1%
	2002	33	81	114	28.9%
	2003	16	119	135	11.9%
	2004	6	61	67	9.0%
	2005	14	118	132	10.6%
	2006	3	40	43	7.0%
	2007	4	80	84	4.8%
	2008	1	12	13	7.7%
ST0004855 Total		388	1,529	1,917	20.2%
ST0004866	1987	6	11	17	35.3%
	1988	9	16	25	36.0%
	1989	1	22	23	4.3%
	1990	10	27	37	27.0%
	1991	15	36	51	29.4%
	1992	11	38	49	22.4%
	1993	21	64	85	24.7%
	1994	17	89	106	16.0%
	1995	23	109	132	17.4%
	1996	41	95	136	30.1%
	1997	68	183	251	27.1%
	1998	80	196	276	29.0%
	1999	79	243	322	24.5%
	2000	97	340	437	22.2%
	2001	76	302	378	20.1%
	2002	64	196	260	24.6%
	2003	49	349	398	12.3%
	2004	28	177	205	13.7%
	2005	36	376	412	8.7%
	2006	15	135	150	10.0%
	2007	15	312	327	4.6%
	2008	4	41	45	8.9%
ST0004866 Total		765	3,357	4,122	18.6%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004867	1986	1	2	3	33.3%
	1987	19	27	46	41.3%
	1988	16	49	65	24.6%
	1989	18	56	74	24.3%
	1990	27	64	91	29.7%
	1991	17	67	84	20.2%
	1992	30	104	134	22.4%
	1993	50	162	212	23.6%
	1994	56	223	279	20.1%
	1995	66	321	387	17.1%
	1996	107	329	436	24.5%
	1997	137	522	659	20.8%
	1998	156	534	690	22.6%
	1999	176	648	824	21.4%
	2000	188	875	1,063	17.7%
	2001	182	879	1,061	17.2%
	2002	124	507	631	19.7%
	2003	136	1,063	1,199	11.3%
	2004	46	464	510	9.0%
	2005	86	1,140	1,226	7.0%
	2006	17	345	362	4.7%
	2007	32	988	1,020	3.1%
	2008	5	126	131	3.8%
ST0004867 Total		1,692	9,495	11,187	15.1%
ST0004870	1987	2	7	9	22.2%
	1988	0	9	9	0.0%
	1989	1	11	12	8.3%
	1990	0	9	9	0.0%
	1991	1	9	10	10.0%
	1992	4	7	11	36.4%
	1993	2	12	14	14.3%
	1994	6	27	33	18.2%
	1995	1	44	45	2.2%
	1996	1	30	31	3.2%
	1997	10	60	70	14.3%
	1998	10	61	71	14.1%
	1999	8	86	94	8.5%
	2000	16	131	147	10.9%
	2001	15	148	163	9.2%
	2002	11	57	68	16.2%
	2003	16	202	218	7.3%
	2004	6	84	90	6.7%
	2005	14	287	301	4.7%
	2006	2	86	88	2.3%
	2007	1	301	302	0.3%
	2008	0	21	21	0.0%
ST0004870 Total		127	1,689	1,816	7.0%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	**Model Year**	**Fail**	**Pass**	**Total**	**% Fail**
ST0004871	1987	1	13	14	7.1%
	1988	2	13	15	13.3%
	1989	4	11	15	26.7%
	1990	1	13	14	7.1%
	1991	3	17	20	15.0%
	1992	2	17	19	10.5%
	1993	3	25	28	10.7%
	1994	3	53	56	5.4%
	1995	3	52	55	5.5%
	1996	16	57	73	21.9%
	1997	19	103	122	15.6%
	1998	24	104	128	18.8%
	1999	27	182	209	12.9%
	2000	30	299	329	9.1%
	2001	45	207	252	17.9%
	2002	22	129	151	14.6%
	2003	35	309	344	10.2%
	2004	8	104	112	7.1%
	2005	16	357	373	4.3%
	2006	2	79	81	2.5%
	2007	6	350	356	1.7%
	2008	0	22	22	0.0%
ST0004871 Total		272	2,516	2,788	9.8%
ST0004875	1985	0	1	1	0.0%
	1987	2	9	11	18.2%
	1988	7	12	19	36.8%
	1989	4	16	20	20.0%
	1990	3	20	23	13.0%
	1991	4	32	36	11.1%
	1992	6	33	39	15.4%
	1993	7	40	47	14.9%
	1994	9	67	76	11.8%
	1995	16	81	97	16.5%
	1996	6	55	61	9.8%
	1997	16	77	93	17.2%
	1998	14	82	96	14.6%
	1999	19	120	139	13.7%
	2000	25	138	163	15.3%
	2001	21	138	159	13.2%
	2002	8	91	99	8.1%
	2003	11	151	162	6.8%
	2004	8	93	101	7.9%
	2005	21	215	236	8.9%
	2006	10	101	111	9.0%
	2007	19	213	232	8.2%
	2008	7	120	127	5.5%
ST0004875 Total		243	1,905	2,148	11.3%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0004888	1987	5	8	13	38.5%
	1988	2	30	32	6.3%
	1989	3	16	19	15.8%
	1990	6	14	20	30.0%
	1991	4	21	25	16.0%
	1992	5	27	32	15.6%
	1993	9	54	63	14.3%
	1994	13	68	81	16.0%
	1995	14	92	106	13.2%
	1996	18	110	128	14.1%
	1997	29	154	183	15.8%
	1998	33	148	181	18.2%
	1999	35	163	198	17.7%
	2000	44	256	300	14.7%
	2001	48	241	289	16.6%
	2002	37	144	181	20.4%
	2003	50	323	373	13.4%
	2004	16	133	149	10.7%
	2005	28	333	361	7.8%
	2006	9	83	92	9.8%
	2007	7	249	256	2.7%
	2008	1	28	29	3.4%
ST0004888 Total		416	2,695	3,111	13.4%
ST0005000	1989	0	1	1	0.0%
	1998	0	1	1	0.0%
	1999	0	3	3	0.0%
	2000	1	1	2	50.0%
	2001	0	3	3	0.0%
	2002	0	4	4	0.0%
	2003	1	7	8	12.5%
	2004	0	4	4	0.0%
	2005	1	3	4	25.0%
	2006	2	1	3	66.7%
	2007	3	5	8	37.5%
	2008	1	0	1	100.0%
ST0005000 Total		9	33	42	21.4%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0005001	1988	0	1	1	0.0%
	1990	1	3	4	25.0%
	1992	0	1	1	0.0%
	1993	0	1	1	0.0%
	1994	0	2	2	0.0%
	1995	0	1	1	0.0%
	1996	0	1	1	0.0%
	1997	0	3	3	0.0%
	1998	0	4	4	0.0%
	1999	1	5	6	16.7%
	2000	0	8	8	0.0%
	2001	1	4	5	20.0%
	2002	0	3	3	0.0%
	2003	2	11	13	15.4%
	2004	1	6	7	14.3%
	2005	0	9	9	0.0%
	2006	0	4	4	0.0%
	2007	1	9	10	10.0%
	2008	0	7	7	0.0%
ST0005001 Total		7	83	90	7.8%
ST0005002	1989	1	0	1	100.0%
	1992	0	1	1	0.0%
	1996	0	1	1	0.0%
	1997	0	1	1	0.0%
	1998	2	0	2	100.0%
	1999	0	2	2	0.0%
	2000	0	2	2	0.0%
	2001	2	1	3	66.7%
	2002	0	2	2	0.0%
	2003	0	1	1	0.0%
	2005	0	2	2	0.0%
	2006	1	0	1	100.0%
	2007	1	0	1	100.0%
ST0005002 Total		7	13	20	35.0%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0005003	1993	0	2	2	0.0%
	1994	1	1	2	50.0%
	1995	2	1	3	66.7%
	1997	0	2	2	0.0%
	1998	0	1	1	0.0%
	1999	1	2	3	33.3%
	2000	2	0	2	100.0%
	2001	2	7	9	22.2%
	2002	0	9	9	0.0%
	2003	0	18	18	0.0%
	2004	0	18	18	0.0%
	2005	1	40	41	2.4%
	2006	0	70	70	0.0%
	2007	2	95	97	2.1%
	2008	7	275	282	2.5%
ST0005003 Total		18	541	559	3.2%
ST0005004	1995	0	1	1	0.0%
	1996	0	1	1	0.0%
	1997	0	5	5	0.0%
	1998	0	4	4	0.0%
	1999	1	5	6	16.7%
	2000	3	6	9	33.3%
	2001	0	9	9	0.0%
	2002	0	1	1	0.0%
	2003	0	10	10	0.0%
	2004	2	10	12	16.7%
	2005	0	15	15	0.0%
	2006	1	9	10	10.0%
	2007	0	16	16	0.0%
	2008	0	14	14	0.0%
ST0005004 Total		7	106	113	6.2%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0005005	1987	0	1	1	0.0%
	1989	0	1	1	0.0%
	1990	0	1	1	0.0%
	1991	0	1	1	0.0%
	1992	0	2	2	0.0%
	1993	0	2	2	0.0%
	1994	0	1	1	0.0%
	1995	0	3	3	0.0%
	1996	1	5	6	16.7%
	1997	1	7	8	12.5%
	1998	1	7	8	12.5%
	1999	2	9	11	18.2%
	2000	1	5	6	16.7%
	2001	3	8	11	27.3%
	2002	6	6	12	50.0%
	2003	1	14	15	6.7%
	2004	0	8	8	0.0%
	2005	0	18	18	0.0%
	2006	0	7	7	0.0%
	2007	1	8	9	11.1%
	2008	0	6	6	0.0%
ST0005005 Total		17	120	137	12.4%
ST0005006	1987	0	1	1	0.0%
	1989	0	1	1	0.0%
	1990	0	2	2	0.0%
	1991	0	3	3	0.0%
	1992	0	1	1	0.0%
	1993	0	3	3	0.0%
	1994	2	4	6	33.3%
	1995	0	8	8	0.0%
	1996	2	10	12	16.7%
	1997	4	11	15	26.7%
	1998	0	17	17	0.0%
	1999	2	21	23	8.7%
	2000	4	28	32	12.5%
	2001	5	60	65	7.7%
	2002	7	34	41	17.1%
	2003	8	69	77	10.4%
	2004	9	36	45	20.0%
	2005	8	86	94	8.5%
	2006	2	44	46	4.3%
	2007	2	87	89	2.2%
	2008	0	28	28	0.0%
ST0005006 Total		55	554	609	9.0%

Table (a) (3 & 4). # of Tests by Station, % Fail By Station					
Station ID	Model Year	Fail	Pass	Total	% Fail
ST0005007	1987	0	1	1	0.0%
	1988	1	0	1	100.0%
	1989	1	0	1	100.0%
	1990	1	1	2	50.0%
	1993	0	2	2	0.0%
	1994	2	4	6	33.3%
	1995	0	2	2	0.0%
	1997	3	3	6	50.0%
	1998	0	1	1	0.0%
	1999	3	6	9	33.3%
	2000	1	2	3	33.3%
	2001	3	9	12	25.0%
	2002	3	10	13	23.1%
	2003	1	18	19	5.3%
	2004	1	5	6	16.7%
	2005	1	9	10	10.0%
	2006	0	4	4	0.0%
	2007	1	21	22	4.5%
	2008	0	12	12	0.0%
ST0005007 Total		22	110	132	16.7%
Grand Total		128,381	1,046,919	1,175,300	10.9%

Table (b) (1) & (2)(i,ii, & v) Quality Assurance			
	Beginnning of Year	**Left Program**	**Added to Program**
No. of Inspection stations/lanes operating throughout 2011	282	36	8
Receiving overt performance audits in 2011	253		
Not Receiving overt performance audits in 2011	1		
That have been shut down as a result of overt performance audits	0		

Table (b)(2)(iii, iv) & (3,8,9) Quality Assurance			
No of Inspection stations/lanes operating throughout 2011	**All Test Types**	**OBD Tests**	**ASM Tests**
Receiving Covert Audits	49	0	49
Not Receiving Covert Audits	205	0	205
Number of Covert Audits	49	0	49
Conducted with vehicle set to fail	0	0	0
Conducted with vehicle set to fail any combination of two or more types	N/A	N/A	N/A
Resulting in a False Pass	0	0	0
Resulting in a False Pass for any combination of two or more test types	N/A	N/A	N/A
Total number of Covert vehicles available for undercover audits in 2011	1	0	1
Total number of Covert auditors available for undercover audits in 2011	11	0	11
Total # of Video Surveillance Audits	2,051	Not Available	Not Available

Table (b) (4)(i & ii) Quality Assurance		
	Stations	**Inspectors**
Suspended as a result of covert audits	0	0
Suspended for other reasons	0	0

Table (b) (5) Quality Assurance	
Certified Testing Inspectors as of 12/31/11	949

Table (d) (1)(v).	
Time Extension and Other Exemptions	3,683

Table (d) (3)(i). # and % of subject vehicles that were tested by the initial deadline	
Deadline	**% of Vehicles**
On Due date	3.71%
1-30 days early	40.68%
31-60 days early	17.37%
61-90 days early	0.30%
91-120 days early	0.17%
> 120 days early	1.86%
1-30 days late	12.95%
31-60 days late	3.74%
61-90 days late	2.00%
91-120 days late	1.43%
> 120 days late	15.79%

Figures based on 'Noticed' vehicles/tested volume of 946,759

Report (c) (1,2,3 & 4) Quality Control					
Station #	Station Name	Lane number	Initial Gas Audits	Initial Gas Audit Fails	Comments
0014	Gary Rome	1	4	1	
0020	Cargill Chevrolet Co	1	4	0	
0023	Robert's Chrysler-Dodge	1	3	1	
0034	Bob Valenti Chevrolet-Olds	1	4	1	
0036	Hoffman Auto Group	1	4	0	
0065	Stevens Ford Linc-Merc	1	6	1	
0107	King Olds-Cadillac	1	4	1	
0112	Brustolon	1	4	1	
0120	Girard Ford	1	5	0	
0125	Candlewood Valley Motors	1	4	0	
0129	Southworth's Chrysler	1	3	1	
0132	Middletown Toyota	1	4	1	
0171	O'Neills	1	3	1	
0193	M J Sullivan Auto	1	3	0	
0229	Hartford Toyota Superstore	1	3	1	
0315	Schaller Tire Distributer	1	1	0	Closed 3/2011
0326	Midas	1	3	0	
0328	Automotive Plus	1	3	1	
0329	Firestone	1	4	1	
0359	Laurel Automotive	1	3	0	
0373	Tire King	1	3	1	
0375	Advanced Auto	1	4	1	
0386	Hamelin & Sons	1	4	1	
0412	Arnold's Garage	1	5	0	
0434	Midas	1	4	1	
0469	Lees Auto Center	1	7	1	
0493	Midas	1	5	0	
0516	Hallmark Tire Co	1	4	0	
0520	Farmington Motor Sports	1	3	1	
0525	Firestone	1	5	0	
0549	Morande Ford	1	6	3	
0557	Kensington Auto	1	4	0	
0581	J & M Motorsports	1	4	0	
0616	Firestone	1	3	0	
0618	Computer Tune & Lube	1	3	1	
0621	Ex-Per Tech	1	4	2	
0648	Bolton Motors	1	3	1	
0697	Firestone	1	4	1	
0718	Ceglarz	1	3	0	Closed 10/2011
0725	Story Bros, Inc.	1	3	0	
0730	Midas	1	3	1	Closed 7/2011
0776	Anthony's Service	1	3	2	
0779	Central Conn Tire	1	1	0	Closed 9/2011
0790	Farm Car Care	1	3	0	
0809	Moore's Auto	1	3	2	
0825	Meineke	1	1	0	Closed 5/2011
0915	Bolles Chrysler-Didge	1	1	1	Closed 5/2011
0951	Ready Credit	1	1	0	Closed 10/2011
0963	Firestone	1	3	0	
0969	Meineke	1	4	3	
0971	Computer Tune & Lube	1	1	1	Closed 10/2011
0972	Mad Hatter	1	3	1	
0978	Midas	1	1	0	Closed 10/2011
0986	Suburban Tire	1	3	0	
0994	Tolland Citgo	1	3	0	
1010	Small Town	1	3	2	

	Report (c) (1,2,3 & 4) Quality Control				
Station #	Station Name	Lane number	Initial Gas Audits	Initial Gas Audit Fails	Comments
1056	Scata's Auto	1	5	3	
1095	Prospect Foreign Car	1	3	2	
1131	Main Street Automotive	1	1	0	Closed 10/2011
1193	Herb's Auto Electric	1	3	0	
1216	Wethersfield Auto	1	4	0	
1220	Midas - Rocky Hill	1	4	0	
1235	Valvoline	1	3	1	
1253	Midas	1	3	2	
1264	Mike's Auto	1	4	1	
1267	Mirabelli Auto	1	7	0	
1270	R & M Auto	1	5	1	
1274	West Hill Auto	1	4	1	
1284	Modern Tire	1	4	1	
1294	Modern Tire	1	4	1	
1297	Aquas Buenas	1	3	1	
1299	B & S Auto	1	5	3	
1363	Midas	1	2	0	
1368	Lyons Service	1	3	0	Closed 10/2011
1371	Cox's Service	1	3	0	
1377	A & P Auto	1	4	1	
1401	Nutmeg Auto	1	3	1	
1423	Midas	1	5	2	
1511	T and B Motor Sales	1	4	0	
1519	Raymond's Auto	1	6	2	
1594	Town Hill Auto	1	3	1	
1615	Firestone	1	3	1	
1646	Bob's Auto	1	4	1	
1660	Midas	1	3	2	
1662	Meineke	1	3	2	
1679	Montville Auto	1	4	1	
1692	Ledyard Auto	1	4	0	
1704	Precision Motors, Inc.	1	3	1	
1725	Nick's Service Center	1	3	0	
1730	Hometown Auto	1	4	0	
1767	Firestone	1	3	1	
1790	Cory's Auto Care	1	4	2	
1797	Shoreline Service	1	3	0	
1799	All Pro Automotive	1	4	2	
1805	Plainfield Shell	1	3	2	
1825	Pennells Auto Center	1	3	0	
1845	Courtesy Ford	1	4	2	
1876	General Muffler	1	4	2	
1889	Gabe's Service Station	1	7	3	
1896	A & M Service Station	1	3	1	
1944	Branford Auto Center	1	3	0	
1969	Cheshire Shell Service	1	3	1	
1970	Cheshire Tire & Auto	1	4	1	
2018	D and R Automotive	1	3	1	
2020	Hammonassett Ford	1	5	1	
2026	Desmonds Auto Sales	1	4	0	
2060	Cromwell Automotive	1	4	3	
2070	Firestone	1	5	1	
2120	Greenfield Hill Service	1	6	3	
2133	Firestone	1	4	2	
2141	Fairfield Tire & Auto	1	6	1	
2149	Meineke	1	6	0	

Report (c) (1,2,3 & 4) Quality Control					
Station #	Station Name	Lane number	Initial Gas Audits	Initial Gas Audit Fails	Comments
2153	Sport Hill Service Station.	1	3	1	
2178	Nick's Precision Auto	1	2	0	Closed 10/2011
2181	Auto Associates	1	2	1	
2233	Cos' Central Auto	1	4	4	
2267	Harte Chevrolet	1	4	1	
2280	Auto Sales and Service of Durham LLC	1	5	2	
2304	Alarcon Tire Co	1	2	0	Closed 9/2011
2318	Fine Tunes	1	3	0	Closed 10/2011
2330	BellTown Motors	1	3	0	
2340	European Motorcars	1	3	2	Closed 10/2011
2358	Computer Tune & Lube	1	4	1	
2365	Midas	1	4	2	
2373	Personal Auto Care	1	3	1	
2380	New Image Auto	1	4	1	
2419	Robert's Service Center	1	4	2	
2427	Westshore Motors	1	3	0	Closed 10/2011
2467	Meineke Discount Mufflers	1	5	0	
2493	Amaral Motors, Inc.	1	4	0	
2540	J P Automotive LLC	1	4	1	
2560	Tech One Automotive	1	4	1	
2573	Oceanside Auto	1	3	2	
2578	Grossman Chevrolet	1	3	0	
2593	Bens Service Center	1	3	0	
2603	Meineke	1	3	0	Closed 10/2011
2631	Portland Automotive	1	3	3	
2651	East Coast Four-Wheel	1	5	2	
2652	Falbos Tire and Auto	1	5	1	
2672	AJ'S Center Service	1	4	1	
2722	Computer Tune and Lube	1	3	1	
2740	Mad Hatter Muffler	1	4	1	
2744	Tire Depot Plus	1	4	1	
2822	Frenchys Auto .	1	5	2	
2830	Nelson's Automotive	1	4	0	
2880	Broadbridge Auto Service	1	4	2	
2884	Don Schiffer's Auto	1	6	2	
2903	Cars, Inc.	1	2	0	Closed 10/2011
2915	Midas	1	4	1	
2919	Meineke Discount Mufflers	1	4	1	
2955	Nova Automotive	1	3	1	
2964	Canzanella Brothers	1	4	1	
2975	Torrello Tire	1	4	1	
3004	Annex Auto Repair	1	1	0	Closed 5/2011
3102	Auto Specialist	1	5	2	
3106	Campbell Motor Sales.	1	4	0	
3107	Chuck's Garage	1	3	1	
3176	Circle A Auto	1	4	1	
3190	Partyka Chevrolet	1	4	0	
3192	Dougan Automotive	1	3	2	
3225	Tire Doctor	1	4	2	
3253	Crest Lincoln Mercury	1	3	0	
3292	Joey's Capitol-Wood	1	6	3	
3406	Genesis Motorworks	1	1	0	Closed 10/2011
3432	E & S Auto	1	4	1	
3437	Monroe Muffler	1	5	1	
3449	Boston Ave Auto (Getty)	1	4	1	

	Report (c) (1,2,3 & 4) Quality Control				
Station #	Station Name	Lane number	Initial Gas Audits	Initial Gas Audit Fails	Comments
3458	Knecht's Garage	1	4	1	
3475	Firestone	1	3	0	
3483	Breezy Point Auto	1	5	3	
3498	Model Garage.	1	3	1	
3548	Montambault's	1	4	2	
3587	Pepboys Auto	1	4	2	
3592	Superior Transmissions	1	4	0	
3662	United Auto	1	7	2	
3732	Litchfield Hills Motorsports	1	4	4	
3739	Bennett Motor Works	1	3	2	
3746	Sunshine Car Repair	1	4	0	
3759	Litchfield County Marine	1	3	2	
3767	Mezzio Auto Body	1	4	0	
3876	The Quiet Zone	1	3	2	
3932	Wilson Dodge Nissan	1	5	2	
3937	Northwest Hills Chrysler	1	3	1	Closed 10/2011
3939	Abate Autobody and Collision	1	3	1	
3943	Bahr Auto Repair	1	3	1	
3976	The Quiet Zone	1	4	1	
3988	Valenti Motors	1	3	1	
3997	Murray Bros Garage	1	5	1	
4004	Belardinelli Tire Comp	1	3	1	
4016	Firestone	1	3	1	
4034	A 1 Service Center	1	5	3	
4040	Cardinale Auto Repair.	1	3	0	Closed 10/2011
4065	Mowhawk West Tire and Auto	1	5	2	
4105	E.M. Auto Repair	1	3	0	
4107	Federal Towing	1	5	2	
4111	Wilton Service	1	6	1	
4118	Meineke Care Care Center	1	1	0	Closed 10/2011
4152	Motor Works	1	2	1	Closed 10/2011
4161	Danbury Autowerks	1	2	1	Closed 10/2011
4167	Superior Service (Getty)	1	4	2	
4170	New Fairfield Automotive	1	4	2	
4180	Noroton Getty	1	1	0	Closed 10/2011
4191	Darien Auto Center	1	5	3	
4230	Greenwich Shell	1	4	0	
4243	AC Autobody	1	4	2	
4257	New Canaan Ave. Service	1	3	1	
4262	The Brigg's Tire Co.	1	4	1	
4298	Hank Mays Goodyear	1	4	1	
4363	Soundview North Service	1	2	0	Closed 6/2011
4375	Copps Hill Shell	1	4	0	
4377	Limestone Service	1	4	0	
4390	Westport Auto Repair	1	4	1	
4405	Weston Service Center	1	4	1	
4480	Stamford Firestone	1	3	0	
4541	Sotires Auto Diagnostic	1	3	0	
4591	AutoWorks of Devon	1	2	0	
4592	Avery Brothers	1	5	3	
4615	Firestone	1	4	1	
4628	Firestone	1	3	1	
4632	Burt Humphrey & Sons	1	0	0	Closed 2/2011
4657	Essex Service Center	1	5	1	
4658	Fairfield Auto & Truck	1	1	0	Closed 7/2011
4696	Long Ridge Service	1	3	0	

Report (c) (1,2,3 & 4) Quality Control					
Station #	Station Name	Lane number	Initial Gas Audits	Initial Gas Audit Fails	Comments
4710	Middlesex Auto Center	1	3	3	
4713	Milex Auto Repair	1	3	2	
4722	Mobile Lube Express	1	5	1	
4739	Precision Motor Coach	1	3	1	
4745	R.K. Rogers	1	4	1	
4750	Sam Wibberley	1	3	1	
4762	Auto Tek	1	1	0	Closed 4/2011
4764	Suburban Subaru	1	3	1	
4765	Meineke	1	3	1	
4769	The Quiet Zone	1	3	1	
4772	Tim's Auto Center	1	2	0	Closed 5/2011
4788	West High Service	1	2	0	Closed 10/2011
4817	High Tech Auto	1	4	1	
4820	John & Son's Auto	1	1	0	Closed 2/2011
4828	Waterbury Tire & Auto	1	4	1	
4837	Car Tune	1	3	0	
4839	Hank Mays Goodyear	1	5	1	
4843	Toyota of Colchester	1	4	0	
4847	Tarcas Hebron Quick Lube	1	5	1	
4854	Valvoline	1	6	3	
4855	Auto Parts Mart	1	6	0	Closed 10/2011
4866	Lee Myles Transmissions	1	4	1	
4867	Foxy Fast Lube	1	4	1	
4875	Showroom Auto Center	1	3	0	
4870	Middlebury Garage	1	4	1	
4871	Midas Milford	1	2	0	Closed 10/2011
4888	K-Town Automotive	1	4	2	
5000	Firestone	1	2	1	New as 11/2011
5001	Bundy Motors Inc.	1	2	1	New as 11/2011
5002	Pepboys Auto	1	1	0	New as 11/2011
5003	Car Max Superstore	1	2	2	New as 11/2011
5004	Modern Tire	1	2	2	New as 11/2011
5005	Capuano Auto LLC	1	2	1	New as 11/2011
5006	Economy Oil Change	1	2	1	New as 11/2011
5007	Tunxis St. Garage	1	2	2	New as 11/2011
FL 1001	City of Bristol	1	1	0	Closed 5/1011
FL 1002	Aquarion Water	1	1	0	
FL 1003	Regional Water	1	1	0	
FL 1004	ATT- Middletown	1	0	0	
FL 1005	Stamford PD	1	0	0	
FL 1006	Hunter Ambulance	1	1	0	
FL 1007	New Haven PD	1	1	0	
FL 1008	Cablevison - Bridgeport	1	1	0	
FL 1009	Cablevision - Norwalk	1	0	0	
FL1010	Town of Trumbull	1	1	0	
FL 1011	University of Hartford	1	0	0	
FL 1012	Town of Guilford	1	1	0	
FL 1013	Southern CT Gas	1	1	0	
FL 1014	CT DAS - New Haven	1	0	0	
FL 1015	CT DAS - Norwich	1	1	0	
FL 1016	CT - DAS Wethersfield	1	0	0	
FL 1017	City of Waterbury	1	0	0	
FL 1018	CNG	1	1	0	
FL 1019	ATT - Meriden	1	0	0	
FL 1020	ATT - Winsted	1	0	0	
FL 1021	ATT - Waterbury	1	0	0	

Report (c) (1,2,3 & 4) Quality Control					
Station #	Station Name	Lane number	Initial Gas Audits	Initial Gas Audit Fails	Comments
FL 1022	ATT - Danbury	1	1	0	
FL 1023	ATT - Stamford	1	0	0	
FL 1024	ATT - Shelton	1	0	0	
FL 1025	ATT - Stratford	1	0	0	
FL 1026	ATT - Norwalk	1	0	0	
FL 1027	ATT - New Haven	1	1	0	
FL 1028	ATT - No. Branford	1	1	0	
FL 1029	ATT - Waterford	1	1	0	
FL 1030	ATT - No. Windham	1	0	0	
FL 1031	ATT - Enfield	1	1	0	
FL 1032	ATT- Hartford	1		0	
Total Stations in Program (at end of year)		254			
Total Equipment Audits			932		
Total Equipment Audit Fails				252	
Number of Stations failing an equipment (gas) audit[1]				171	
Percentage of stations failing an equipment (gas) audit[1]				67.32%	
Number of Stations shut down as a result of a failed equipment (gas) audit[2]					0
Percnetage of stations shut down as a result of a failed equipment (gas) audit[2]					0.00%

[1] Failures are limited to gas calibration audits. By contract, Testing contractor must resolve equipment failures within 24 hours.

[2] Stations are prohibited from performing tailpipe emission testing only until the equipment problem is resolved.

Enforcement Report: (d) (1)(i&ii), (2), & (3)(ii&iii) – 2011

(d) Enforcement Report –

(1) All varieties of enforcement programs shall, at a minimum, submit to EPA by July of each year a report providing basic statistics on the enforcement program for January through December of the previous year, including:

(i) An estimate of the number of vehicles subject to the inspection program, including the results of analysis of the registration database:

Connecticut's estimated emission eligible population is 2.1 million vehicles per testing cycle.

(ii) The percentage of motorist compliance based upon a comparison of the number of valid final passing tests and the number of subject vehicles:

Connecticut's compliance rate was greater than 98% for 2011.

(2) Registration denial bases enforcement programs shall provide the following information:

(i) A report of the program's efforts and actions to prevent motorists from falsely registering vehicles in the program area of falsely changing fuel type or weight class on the vehicle registration and the results of special studies to investigate the frequency of such activity:

Connecticut does not perform an analysis of its emission eligible database to detect vehicles that are registered out of state to avoid being emission tested in the state. The majority of vehicles registered with an incorrect GVWR are those in which the vehicle owner registers the vehicle at a lower weight to avoid added expense and are consequently not emission eligible (>10,000 lbs. GVWR). Connecticut tests all fuel types, including hybrids.

(ii) The number of registration file audits, number of registration reviewed and compliance rates from such audits:

In 2011, 162,936 emission late fees were assessed. All of these vehicles ultimately complied or were registered out-of-state.

(3) Computer matching based enforcement programs shall provide the following additional information:

(i) A report on the program's efforts to detect and enforce against motorists falsely changing vehicle classifications to circumvent program requirements and the frequency of test activity:

Historically, 99% of emission eligible vehicles in Connecticut are in the Passenger, Combination or Commercial classifications. Due to the added expense, documentation and inspection requirements needed to change a vehicle's registration classification to a non-emission eligible class, incidents of such modification are minimal.

(iii) The number of enforcement system audits and the error rate found during those audits:

In 2011, 162,936 emission late fees were assessed.